

OM nucleic - nucleic search, using sw model

Run on: March 14, 2004, 12:00:04 ; Search time 81 Seconds (without alignments) 2987.143 Million cell updates/sec

Title: US-09-806-301-1

Perfect score: 436

Sequence: 1 ttgttttgttgaagcttgatg.....ctccaaaaaaa 436

Scoring table: IDENTITY_NUC

Gpopt 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

- Issued Patents Nat.* /cgnd2_6/podata/2/ina/5A_COMB.seq: *
- 1: /cgnd2_6/podata/2/ina/5B_COMB.seq: *
- 2: /cgnd2_6/podata/2/ina/6A_COMB.seq: *
- 3: /cgnd2_6/podata/2/ina/6B_COMB.seq: *
- 4: /cgnd2_6/podata/2/ina/pctus_COMB.seq: *
- 5: /cgnd2_6/podata/2/ina/backfile1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	436	100.0	436	3	US-09-821451A-3
2	436	100.0	436	3	US-09-263-810-3
3	436	100.0	436	4	US-09-583-169-3
4	431.2	98.9	482	3	US-09-912-76-4
5	421	96.6	482	2	US-09-215-818-2
6	421	96.6	482	4	US-09-467-602A-2
7	421	96.6	494	3	US-09-912-776-3
8	391	89.7	405	4	US-09-969-987-4
9	288.4	66.1	433	3	US-09-821-451A-1
10	288.4	66.1	433	4	US-09-263-910-1
11	288.4	66.1	433	4	US-09-583-169-1
12	226	51.8	230	3	US-09-912-276-2
13	224	51.4	237	3	US-09-912-276-1
14	223	51.1	231	4	US-09-389-681-209
15	223	51.1	231	4	US-09-620-05B-209
16	223	51.1	231	4	US-09-339-338-209
17	223	51.1	231	4	US-09-433-226B-209
18	223	51.1	231	4	US-09-604-287A-209
19	223	51.1	231	4	US-09-834-519-209
20	190.4	43.7	384	4	US-09-673-295A-20
21	38.8	8.9	267	4	US-09-134-00C-612
22	364	8.1	426	4	US-09-933-711B-12
23	35.2	8.1	2091	4	US-09-933-711B-3
24	35.2	8.1	1010	4	US-09-234-245-5
25	35	8.0	3715	4	US-09-234-245-1
26	35	8.0	1875	2	US-08-683-743-3
27	34.4	7.9			

RESULT 1
US-09-821451A-3
; Sequence 3, Application US/08821451A
; Patent No. 6066724
; GENERAL INFORMATION:
; APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
; TITLE OF INVENTION: Human Endometrial Specific Steroid-
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/0821451A
; FILING DATE: March 21, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/014,724
; FILING DATE: March 21, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: MULLINS, J.G.
; REGISTRATION NUMBER: 33,073
; REFERENCE/DOCKET NUMBER: 325800-521 (PP257)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 436 BASE PAIRS
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: cDNA
; US-08-821451A-3

Query Match Similarity 100.0%; Score 436; DB 3; Length 436;
Best Local Similarity 100.0%; Pred. No. 9.5e-129; Indels 0; Gaps 0;
Matches 436; Conservative 0; Mismatches 0;

Qy 1 TTTTGTGAACTGAGCTCACAGGAAACGACCAGAAGTGCTGGTGTCTC 60

Db 1 TTTTGTGAGCTGAGTCAGGAAACAGCCACCGACTGAGCTGGCCAGCTC 60
 QY 61 CTGCTGTCAGCTGCAGCTCTGCTCTACAGGCCATCGAGTCAGCTCT 120
 Db 121 GTTCTAGCTTAACTCTCTCATAGTGAACTCTGTTAAGTAAGTCTGC 180
 QY 121 GTTCTAGCTTAACTCTCTCATAGTGAACTCTGTTAAGTAAGTCTGC 180
 181 AATTCTGAGCTGAGCTGAGTCAGGAAACAGCCACCGACTGAGCTGG 180
 Db 241 CGATGCCCCTCAGAACGAGCCATTCGGAGTCCTGGAATATTGAGAA 300
 QY 241 CGATGCCCCTCAGAACGAGCCATTCGGAGTCCTGGAATATTGAGAA 300
 241 CAGATGTCCTCAGAACGAGCCATTCGGAGTCCTGGAATATTGAGAA 300
 Db 301 TGTTGTTGAGCTGAGTCAGTCTCTCATAGCACCT 360
 QY 301 TGTTGTTGAGCTGAGTCAGTCTCTCATAGCACCT 360
 301 TGTTGTTGAGCTGAGTCAGTCTCTCATAGCACCT 360
 Db 361 GATCTCACTGAGATGAAACTTCATCCCTGTTCACTGCTTCATGAC 420
 QY 361 GATCTCACTGAGATGAAACTTCATCCCTGTTCACTGCTTCATGAC 420
 361 GATCTCACTGAGATGAAACTTCATCCCTGTTCACTGCTTCATGAC 420
 QY 421 AAAAAAAA 436
 Db 421 AAAAAAAA 436

RESULT 2
 US-09-263-810-3
 Sequence 3, Application US/09263810
 ; Parent No. 6174992
 GENERAL INFORMATION:
 APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/263, 810
 FILING DATE: 08/09/2009
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/821, 451
 FILING DATE:

ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REGISTRATION NUMBER: 33, 073
 REFERENCE/DOCKET NUMBER: 325800-521 (PP257)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 436 BASE PAIRS
 TYPE: NUCLEIC ACID
 STRANDEDNESS: SINGLE

Query Match : US -09-263-810-3
 TOPLOGY: LINEAR
 MOLECULE TYPE: CDNA
 Best Local Similarity 100.0%; Score 436; DB 3; Length 436;
 Matches 436; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 TTTTGTGAGCTGAGTCAGGAAACAGCCACCGACTGAGCTGGCCAGCTC 60
 Db 121 GTTCTAGCTTAACTCTCTCATAGTGAACTCTGTTAAGTAAGTCTGC 180
 QY 121 GTTCTAGCTTAACTCTCTCATAGTGAACTCTGTTAAGTAAGTCTGC 180
 181 AATTCTGAGCTGAGCTGAGTCAGGAAACAGCCACCGACTGAGCTGG 180
 Db 241 CGATGCCCCTCAGAACGAGCCATTCGGAGTCCTGGAATATTGAGAA 300
 QY 241 CGATGCCCCTCAGAACGAGCCATTCGGAGTCCTGGAATATTGAGAA 300
 241 CAGATGTCCTCAGAACGAGCCATTCGGAGTCCTGGAATATTGAGAA 300
 Db 301 TGTTGTTGAGCTGAGTCAGTCTCTCATAGCACCT 360
 QY 301 TGTTGTTGAGCTGAGTCAGTCTCTCATAGCACCT 360
 301 TGTTGTTGAGCTGAGTCAGTCTCTCATAGCACCT 360
 Db 361 GATCTCACTGAGATGAAACTTCATCCCTGTTCACTGCTTCATGAC 420
 QY 361 GATCTCACTGAGATGAAACTTCATCCCTGTTCACTGCTTCATGAC 420
 361 GATCTCACTGAGATGAAACTTCATCCCTGTTCACTGCTTCATGAC 420
 QY 421 AAAAAAAA 436
 Db 421 AAAAAAAA 436

RESULT 3
 US-09-583-169-3
 Sequence 3, Application US/09583169
 ; Patent No. 6338948
 GENERAL INFORMATION:
 APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/583, 169
 FILING DATE:

ATTORNEY/AGENT INFORMATION:
 APPLICATION NUMBER: 08/821, 451
 FILING DATE:

REGISTRATION NUMBER: 33, 073
 REFERENCE/DOCKET NUMBER: 325800-521 (PP257)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 436 BASE PAIRS
 TYPE: NUCLEIC ACID
 STRANDEDNESS: SINGLE

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/821, 451
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REGISTRATION NUMBER: 33, 073

REFERENCE/DOCKET NUMBER: 325800-521 (PP257)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEX: 201-994-1744
 FAX: 60064-3500

INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 436 BASE PAIRS
 TYPE: NUCLIC ACID
 STRANDEDNESS: SINGLE
 TOPOLOGY: LINEAR
 MOLECULE TYPE: cDNA
 US-09-583-169-3

Query Match Similarity 100.0%; Score 436; DB 4; Length 436;
 Best Local Similarity 100.0%; Pred. No. 9.5e-129; Matches 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 436; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TTGTTTGTGAAGCTGACTCAGCAAAAGGCCACAGGAGGTGGTGTGTC 60
 Db 1 TTGTTTGTGAAGCTGACTCAGCAAAAGGCCACAGGAGGTGGTGTGTC 60
 Qy 61 CTGCTGGCACCGCTGGCCCTCTCTGCTACACAGCCATGGCAGCTCTT 120
 Db 61 CTGCTGGCACCGCTGGCCCTCTCTGCTACACAGCCATGGCAGCTCTT 120
 Qy 181 AAATTGTGCCCCCTCCGAGGCTGGTGTGAGAGTGAGTGAGAGTGAGGAT 240
 Db 181 AAATTGTGCCCCCTCCGAGGCTGGTGTGAGAGTGAGTGAGAGTGAGGAT 240
 Qy 241 CAGATGTCCCTAGAACGAGCTATGGGAAACTCTCTCATTTAGTAGAAGTCCTGTA 180
 Db 121 GTTCTGAGCTGTAGCTTCTCTGTTTGTGAGCTCTGTTCAAGTGTGCTC 180
 Qy 181 AAATTGTGCCCCCTCCGAGGCTGGTGTGAGAGTGAGTGAGAGTGAGGAT 240
 Db 241 CAGATGTCCCTAGAACGAGCTATGGGAAACTCTCTCATTTAGTAGAAGTCCTGTA 300
 Qy 301 TGGTGTGGAGATGAAACTTCATCCTCGTTCATGCTCTCAATGACACCT 360
 Db 301 TGGTGTGGAGATGAAACTTCATCCTCGTTCATGCTCTCAATGACACCT 360
 Qy 361 GATCTGACTGAGATAAAGTTCAACGCTCTTATAATCAATTGCTCC 420
 Db 361 GATCTGACTGAGATAAAGTTCAACGCTCTTATAATCAATTGCTCC 420
 Qy 421 AAAA.....AAA 436
 Db 421 AAAA.....AAA 436

RESULT 4
 US-09-912-276-4
 ; Sequence 4, Application US/09912276
 ; Patient No. 618952
 GENERAL INFORMATION:
 APPLICANT: Billing-Medel, Patricia A.
 APPLICANT: Cohen, Maurice
 APPLICANT: Colpitts, Tracey L.
 APPLICANT: Friedman, Paula N.
 APPLICANT: Gordon, Julian
 APPLICANT: Grandos, Edward N.
 APPLICANT: Hodges, Steven C.
 APPLICANT: Klass, Michael R.
 APPLICANT: Kratochvil, Jon D.
 APPLICANT: Roberts-Rapp, Lisa
 APPLICANT: Russell, John C.
 APPLICANT: Stroupe, Steven D.

TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE BREAST
 TITLE OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Abbott Laboratories
 STREET: 100 Abbott Park Road

CITY: Abbott Park
 STATE: IL
 COUNTRY: USA
 ZIP: 60064-3500

COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FasterQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/912,276
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Becker, Cheryl L.
 REGISTRATION NUMBER: 35,441
 REFERENCE/DOCKET NUMBER: 5972-US.P1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 847/938-1729
 TELEX: 847/938-2623
 US-09-912-276-4

Query Match Similarity 98.9%; Score 431.2; DB 3; Length 482;
 Best Local Similarity 99.3%; Pred. No. 3.4e-127; Matches 0; Mismatches 3; Indels 0; Gaps 0;
 Matches 433; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 TTGTTGTGAAGCTGACTCAGCAAAAGGCCACAGGAGGTGGTGTGTC 60
 Db 37 TTGTTGTGAAGCTGACTCAGCAAAAGGCCACAGGAGGTGGTGTGTC 96
 Qy 61 CTGCTGGCACCGCTGGCCCTCTCTGCTACACAGCCATGGCAGCTCTT 120
 Db 97 CTGCTGGCACCGCTGGCCCTCTCTGCTACACAGCCATGGCAGCTCTT 156
 Qy 121 GATCTGACTGAGATAAAGTTCAACGCTCTTATAATCAATTGCTCC 180
 Db 157 GATCTGACTGAGATAAAGTTCAACGCTCTTATAATCAATTGCTCC 216
 Qy 181 AAATTGTGCCCCCTCCGAGGCTGGTGTGAGAGTGAGTGAGAGTGAGGAT 240
 Db 217 AAATTGTGCCCCCTCCGAGGCTGGTGTGAGAGTGAGTGAGAGTGAGGAT 276
 Qy 241 CAGATGTCCCTAGAACGAGCTATGGGAAACTCTCTCATTTAGTAGAAGTCCTGTA 300
 Db 277 CAGATGTCCCTAGAACGAGCTATGGGAAACTCTCTCATTTAGTAGAAGTCCTGTA 336
 Qy 301 TGGTGTGGAGATGAAACTTCATCCTCGTTCATGCTCTCAATGACACCT 360
 Db 337 TGGTGTGGAGATGAAACTTCATCCTCGTTCATGCTCTCAATGACACCT 396
 Qy 361 GATCTGACTGAGATAAAGTTCAACGCTCTTATAATCAATTGCTCC 420
 Db 397 GATCTGACTGAGATAAAGTTCAACGCTCTTATAATCAATTGCTCC 456
 Qy 421 AAAA.....AAA 436
 Db 457 ACAGAA.....AAA 472

RESULT 5
 US-09-215-818-2
 ; Sequence 2, Application US/09215818A
 ; Patent No. 6379871

GENERAL INFORMATION:
; APPLICANT: Colpitts, Tracey
; TITLE OF INVENTION: DETECTING DISEASES OF THE BREAST
; FILE REFERENCE: 5912.US.P2
; CURRENT FILING DATE: 1998-12-18
; BARLIER APPLICATION NUMBER: 08/912,276
; BARLIER FILING DATE: 1997-08-17
; BARLIER APPLICATION NUMBER: 08/697,105
; BARLIER FILING DATE: 1996-08-19
; BARLIER APPLICATION NUMBER: 08/912,149
; BARLIER FILING DATE: 1997-08-15
; BARLIER APPLICATION NUMBER: 08/697,106
; BARLIER FILING DATE: 1996-08-19
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSEQ for Windows version 3.0
SEQ ID NO 2
; LENGTH: 482
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-215-818-2
Query Match 96.6%; Score 421; DB 4; Length 482;
Best Local Similarity 100.0%; Pred. No. 5.8e-124; Mismatches 0; Indels 0; Gaps 0;
Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TTGTTGAAACTGAGCTCAGCAAAACAGCCACCAAGCAGTGAAGTGTGGTgtCTC 60
Db 58 TTGTTGAAACTGAGCTCAGCAAAACAGCCACCAAGCAGTGAAGTGTGGTgtCTC 117
QY 61 CTGCTGTCACAGTGCCCTCTGCTACCGGCAATGCGAGTTGCCAGCT 120
Db 118 CTGCTGTCACAGTGCCCTCTGCTACCGGCAATGCGAGTTGCCAGCT 177
QY 121 GTTCTGAGCTTAGACCTCTCTCATAGTGAACCTGTCAGTGAAGTGTGCC 180
Db 178 GTTCTGAGCTTAGACCTCTCTCATAGTGAACCTGTCAGTGAAGTGTGCC 237
QY 181 AAATTGAGCCCTCCGAGCTGTTAGAGTGCACGGAT 240
Db 238 AAATTGAGCCCTCCGAGCTGTTAGAGTGCACGGAT 297
QY 241 CAGATGCTTCAGAAGAACCTCTTGGAGGCTCTGGAATAATGAGAAA 300
Db 298 CAGATGCTTCAGAAGAACCTCTTGGAGGCTCTGGAATAATGAGAAA 357
QY 301 TGTAGTGTGACATGAAACTTCATCTCTGTTCACTGCTTCATGACCT 360
Db 358 TGTAGTGTGACATGAAACTTCATCTCTGTTCACTGCTTCATGACCT 417
QY 361 GATCTCACTGCAGATTAAGGTTCACGCTGTGTTATAATCACTGCTCC 420
Db 418 GATCTCACTGCAGATTAAGGTTCACGCTGTGTTATAATCACTGCTCC 477
QY 421 A 421
Db 478 A 478

RESULT 6
US-09-467-6022-2
; Sequence 2, Application US/09467602A
; Patent No. 6552164
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Colpitts, Tracey L.
; APPLICANT: Russell, John C.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
; TITLE OF INVENTION: DETECTING DISEASES OF THE BREAST
; FILE NUMBER: 5972.US.P5
; CURRENT APPLICATION NUMBER: US/09/467,602A
; CURRENT FILING DATE: 1999-12-20

RESULT 7
US-09-912-276-3
; Sequence 3, Application US/08912276
; Patent No. 6183952
; GENERAL INFORMATION:
; APPLICANT: Billing-Medel, Patricia A.
; APPLICANT: Cohen, Maurice
; APPLICANT: Colpitts, Tracey L.
; APPLICANT: Friedman, Paula N.
; APPLICANT: Gordon, Julian
; APPLICANT: Grandas, Edward N.
; APPLICANT: Hodges, Steven C.
; APPLICANT: Klass, Michael R.
; APPLICANT: Kratochvil, Jon D.
; APPLICANT: Roberts-Rapp, Lisa
; APPLICANT: Russell, John C.
; APPLICANT: Stroupe, Steven D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL

TITLE OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Abbott Laboratories
 STREET: 100 Abbott Park Road
 STATE: IL
 CITY: Abbott Park
 COUNTRY: USA
 ZIP: 60064-3500

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: Faster for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/912,276
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Becker, Cheryl L.
 REGISTRATION NUMBER: 35,441
 REFERENCE/DOCKET NUMBER: 5972.US.P1
 TELECOMMUNICATION INFORMATION:
 LENGTH: 494 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-912-276-3

Query Match 95.6%; Score 421; DB 3; Length 494;
 Best Local Similarity 100.0%; Pred. No. 5.9e-124; Gaps 0;
 Matches 421; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 TTGTTTGTAAAGTGAGCTACAGCAAAAGGCCATTGAGCTGCGTGTCTC 50
 QY 70 TTGTTTGTAAAGTGAGCTACAGCAAAAGGCCATTGAGCTGCGTGTCTC 129
 Db 61 CTGCTGGTCAGCTGCCTCTGCTGCTACAGCAAAAGGCCATTGAGCTGCGTGTCTC 120
 Db 130 CTGCTGGTCAGCTGCCTCTGCTGCTACAGCAAAAGGCCATTGAGCTGCGTGTCTC 189
 QY 121 GTTCTGAGGTGTTAGACTCTCTCATAGTAGTGACCTCTGTCAAGTAACTCTGCC 180
 Db 190 GTTCTGAGGTGTTAGACTCTCTCATAGTAGTGACCTCTGTCAAGTAACTCTGCC 249
 QY 181 AAATTGATGCCCTCGGAGCTGCTGAGCTGAGTGTAGGTTAGGTAAGAAGATCACGGAT 240
 Db 250 AAATTGATGCCCTCGGAGCTGCTGAGCTGAGTGTAGGTTAGGTAAGAAGATCACGGAT 309
 QY 241 CAGATGTCCTTCAGAACGAGCTCATGGCTGAGCTGCTGAGCTGCTGAGCTGCTGAGCTG 300
 Db 310 CAGATGTCCTTCAGAACGAGCTCATGGCTGAGCTGCTGAGCTGCTGAGCTGCTGAGCTG 369
 QY 301 TGTAGTGTGAGCTGAAACTCTCATCTGTTACTGCTTCAAGACACCT 360
 Db 370 TGTAGTGTGAGCTGAAACTCTCATCTGTTACTGCTTCAAGACACCT 429
 QY 361 GATCTCACTCCAGATGAAAGTTCAGCTTGTGTTAAACACTGCTCTCC 420
 Db 430 GATCTCACTCCAGATGAAAGTTCAGCTTGTGTTAAACACTGCTCTCC 489
 QY 421 A 421
 Db 490 A 490

RESULT 8

; Sequence 4, Application US/08/912,276-3
 ; Patent No. 630327

GENERAL INFORMATION:
 APPLICANT: Seillamer, Jeffrey J.

APPLICANT: Hawkins, Phillip R.

APPLICANT: Murry, Lynn

APPLICANT: Klinge, Tod M.

APPLICANT: Au-Loung, Janice

APPLICANT: Tang, Y. Tom

APPLICANT: Goold, Richard

APPLICANT: Akerblom, Ingrid E.

APPLICANT: Seillamer, Jeffrey J.

APPLICANT: Hawkins, Phillip R.

APPLICANT: Levine, Wendy B.

APPLICANT: Hillman, Jennifer L.

APPLICANT: Altus, Christina M.

APPLICANT: Bandman, Olga

APPLICANT: Levine, Wendy B.

APPLICANT: Shah, Purvi

TITLE OF INVENTION: Database for Storage and Analysis of Full Length Sequences

FILE REFERENCE: 6514-069001

CURRENT APPLICATION NUMBER: US/08/969,987A

EARLIER APPLICATION NUMBER: 08/282,955

EARLIER FILING DATE: 1995-07-29

EARLIER APPLICATION NUMBER: 08/187,530

EARLIER FILING DATE: 1994-01-27

EARLIER APPLICATION NUMBER: 08/179,873

EARLIER FILING DATE: 1994-01-11

EARLIER APPLICATION NUMBER: 08/100,523

EARLIER FILING DATE: 1993-08-03

EARLIER APPLICATION NUMBER: 07/977,780

EARLIER FILING DATE: 1992-11-19

EARLIER APPLICATION NUMBER: 07/916,491

EARLIER FILING DATE: 1992-07-17

EARLIER APPLICATION NUMBER: 08/289,822

EARLIER FILING DATE: 1994-08-12

EARLIER APPLICATION NUMBER: 08/581,240

EARLIER FILING DATE: 1995-12-29

EARLIER APPLICATION NUMBER: 08/657,697

EARLIER FILING DATE: 1996-05-29

EARLIER APPLICATION NUMBER: 08/747,547

EARLIER FILING DATE: 1996-11-12

EARLIER APPLICATION NUMBER: 08/712,710

EARLIER FILING DATE: 1996-09-12

EARLIER APPLICATION NUMBER: 08/744,026

EARLIER FILING DATE: 1996-11-05

EARLIER APPLICATION NUMBER: 08/786,999

EARLIER FILING DATE: 1997-01-23

EARLIER APPLICATION NUMBER: 08/822,262

EARLIER FILING DATE: 1997-03-20

EARLIER APPLICATION NUMBER: 08/951,750

EARLIER FILING DATE: 1997-10-16

NUMBER OF SEQ ID NOS: 10

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 4

LENGTH: 405

TYPE: DNA

ORGANISM: Homo sapiens

US-08-969-987-4

Query Match 89.7%; Score 391; DB 4; Length 405;
 Best Local Similarity 100.0%; Pred. No. 1.8e-14;
 Matches 391; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TTGTTTGTAAAGCTGAGCTCACAGCAAAAGCCATTGAGCTGGGGTGTC 60
 Db 15 TTGTTTGTAAAGCTGAGCTCACAGCAAAAGCCATTGAGCTGGGGTGTC 74

QY 61 CTGCTGTGCAAGTGCCCTCTGCTGCTACCGCCATGCAGGTTGCCAGCCTT 120
 Db 75 CTGCTGTGCACTGGCTGCTACCGCCATGCAGGTTGCCAGCCTT 134

QY 121 GTTCTGAGCTGTTAGACTCTTCATAGTGAACCTGTCAGTTAGCTCTGCC 180
 Db 135 GTTCTGAGCTGTTAGACTCTTCATAGTGAACCTGTCAGTTAGCTCTGCC 194

QY 181 AAATTGATGCCCTCGGAGACTGTGAGGAACTGAGATGAGAAGATGACGAT 240
 Db 195 AAATTGATGCCCTCGGAGACTGTGAGGAACTGAGATGAGAAGATGACGAT 254

QY 241 CAGATGCTCTCGAGAACGAGCCATGGGAGTCCTGGAAATATGGAGAAA 300
 Db 255 CAGATGCTCTCGAGAACGAGCCATGGGAGTCCTGGAAATATGGAGAAA 314

QY 301 TGTAGTGTCGTCAGTAAACTTCATCTGGTTCTGCTTCATGACCT 360
 Db 315 TGTAGTGTCGTCAGTAAACTTCATCTGGTTCTGCTTCATGACCT 374

QY 361 GATCTTCACTCGAGATGTAAGGTTCAC 391
 Db 375 GATCTTCACTCGAGATGTAAGGTTCAC 405

RESULT 9
 US-08-821-451A-1
 Sequence 1, Application US/08821451A
 General Information:
 APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 Title of Invention: Binding Factor I, II and III
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSE: CARELLA, BYRNE, BAIN, GILFILLAN,
 ADDRESSE: CBCCHI, STEWART & OLSTEIN,
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 ZIP: 07068
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/821,451A
 FILING DATE: March 21, 1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/014,724
 FILING DATE: March 21, 1996
 ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REFERENCE DOCKET NUMBER: 33,073
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 433 BASE PAIRS
 TYPE: NUCLEIC ACID
 STRANDEDNESS: SINGLE
 TOPOLOGY: LINEAR
 MOLECULE TYPE: CDNA
 US-08-821-451A-1

Matches 340; Conservative 0; Mismatches 86; Indels 0; Gaps 0;

QY 5 TTGGAAGTGAGTCAGCAGAACAGCCACCATGAGCTGCGGTTGTCGCC 64
 Db 8 TTGGAAGTGAGTCAGCAGAACAGCCACCATGAGCTGCGGTTGTCGCC 67

QY 65 TGTCACTGCCCCCTGCTGCTACCGCCATGCAGGTTGCCAGCCTT 124
 Db 68 TTGTCAGCTGCCCCCTGCTGCTACCGCCATGCAGGTTGCCAGCCTT 127

QY 125 CTGAGCTGTTAGACTCTTCATAGTGAACCTGTCAGTTAGCTTCACAT 184
 Db 128 CTGAGCTACAGTCCTCTTAAGTGAACCTGTCAGTTAGCTTCACAT 187

QY 185 TTGATGCCCTCGGAGCTGTGAGCAGTAGGAGAAGATGACGGATCAGA 244
 Db 188 TAATCACCCTCAGAGCTTGAGGCTGAGCTGAGGAAATATGGAGAAA 247

QY 245 TGTCCCTTCAGAACGAGCTCATGGGAAAGTCTGGTAAACCTCCAGTTCCAAAC 304
 Db 248 TAATCACCCTCAGAGCTTGAGGCTGAGCTGAGGAAATATGGAGAAA 307

QY 305 GGTGTCAGATGAAACTTCATCTGGTTCTGATGACCTGTCACCCATGATC 364
 Db 308 GGTGTCAGATGAAACTTCATCTGGTTCTGATGACCTGTCACCCATGATC 367

QY 365 TTCACTCGAGATGTAAGGTTCACTGTCGTTAAATCACTGTCCTCCAAA 424
 Db 368 TTCACTAAATGTAAGGTTCACTGTCGTTAAATCACTGTCCTCCAAA 427

QY 425 AAAAAA 430
 Db 428 CAAAA 433

RESULT 10
 US-09-263-810-1
 Sequence 1, Application US/09263810
 Patent No. 614992

GENERAL INFORMATION:
 APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSE: CARELLA, BYRNE, BAIN, GILFILLAN,
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 ZIP: 07068
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/263,810
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REFERENCE DOCKET NUMBER: 33,073
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 433 BASE PAIRS
 TYPE: NUCLEIC ACID
 STRANDEDNESS: SINGLE
 TOPOLOGY: LINEAR
 MOLECULE TYPE: CDNA
 US-08-821-451A-1

Query Match Similarity 66.1%; Score 288.4; DB 3; Length 433;
 Best Local Similarity 79.8%; Prod. No. 7.1e-82;

LENGTH: 433 BASE PAIRS
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR

MOLECULE TYPE: cDNA
US-09-263-820-1

Query Match 66.1%; Score 288.4; DB 3; Length 433;
Best Local Similarity 79.8%; Pred. No. 7.1e-82;
Matches 340; Conservative 0; Mismatches 86; Indels 0; Gaps 0;

QY 5 TTTGAAAGCTGACTCACAGAACACGACCATGAGCGAGTCGGTCTGCTCTGC 64
Db 8 TTGTGAAGCTGAGCTCAAGCCAGTGCTAGTGTCTGCTG 67

QY 65 TGGTACGGTGGCCTCTGCTGCTACAGGCAAATGCGGAGTCGGACCTGTT 124
Db 68 TGGTCTCTGGCCCTTGCTGCTACAGGCAAATGCGGAGTCGGACCTGTT 127

QY 125 CTGAGCTTTAGCTCTTCATCTAGTAGTGAACCTGCTGCTAGTAAAGTGC 184
Db 128 CTGAGATCACAGCTCTCTTCTTAACTGAGCTCAAGCCAGTGCTG 187

QY 185 TGTATGCCCTCGGAAGCTGCTGCTGAGCTGAGTAAAGTGC 244
Db 188 TTAATCCACCTCCAGAAGCTCTGAGCTGAGTAAAGTGC 247

QY 245 TGGCCCTTCAAGAACGAGCTCATGGGAGTGCCTGCTGAGTAAAGTGC 304
Db 248 TATCTTAAAGAACGACTCTCATGGAAAGTGCCTGAGTAAAGTGC 307

QY 305 GTGTGAGCATGAAACTCTCATGGGTTCACTGTTCTATGAGACCTGTC 364
Db 308 GTGTGAGCATGAAATGCTCAACTGGTTCAAGTGTCTTCAAGGACCTGTC 367

QY 365 TTACTGGAGATGIAAGGTTCAAGCTGCTTTAAATACCTGAGTCGAA 424
Db 368 TTCACTAAATGTAAGGTTCAACAGTGTCTTAAATACTGCTG 427

QY 425 AAAAA 430
Db 428 CAAAA 433

RESULT 11
US-09-583-169-1

; Sequence 1, Application US/09583169
; Patent No. 6338948
GENERAL INFORMATION:
TITLE OF INVENTION: Human Endometrial Specific Steroid-

NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARELLA, BYRNE, GILFILLAN,
ADDRESS: CECCHI, STEWART & OLSTEIN
STREET: 6 BECKER FARM ROAD
CITY: ROSELAND
STATE: NEW JERSEY
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 INCH DISKETTE
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/583,169
FILING DATE:
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/821,451
FILING DATE:
APPLICATION NUMBER: 08/821,451
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: MULLINS, J.G.
REGISTRATION NUMBER: 33.073

REFERENCE/DOCKET NUMBER: 328800-521 (PP257)
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 433 BASE PAIRS
TOPOLogy: NUCLEIC ACID
STRANDEDNESS: SINGLE
MOLECULE TYPE: cDNA
US-09-583-169-1

Query Match 66.1%; Score 288.4; DB 4; Length 433;
Best Local Similarity 79.8%; Pred. No. 7.1e-82;
Matches 340; Conservative 0; Mismatches 86; Indels 0; Gaps 0;

QY 5 TTGTAAAGCTGAGCTCACAGAACACGACCATGAGCTGCTG 64
Db 8 TTGTAAAGCTGAGCTCACAGAACACGACCATGAGCTGCTG 67

QY 125 CTGAGCTTTAGCTCTTCATCTAGTAGTGAACCTGCTG 184
Db 128 CTGAGATCACAGCTCTCTTCTTAACTGAGCTGAGTAAAGTGC 187

QY 185 TTGTGCCCCTCGGAAGCTGCTGAGCTGAGTAAAGTGC 244
Db 188 TTAATCCACCTCCAGAACGACTCTCTGAGCTGAGTAAAGTGC 247

QY 245 TGGCCCTTCAAGAACGAGCTCATGGGAGTGCCTGCTGAGTAAAGTGC 304
Db 248 TATCTTAAAGAACGACTCTCATGGAAAGTGCCTGAGCTGAGTAAAGTGC 307

QY 305 GTGTGAGCATGAAACTCTCATGGGTTCACTGTTCTATGAGACCTGTC 364
Db 308 GTGTGAGCATGAAATGCTCAACTGGTTCAAGTGTCTTCAAGGACCTGTC 367

QY 365 TTACTGGAGATGIAAGGTTCAAGCTGCTTTAAATACCTGAGTCGAA 424
Db 368 TTCACTAAATGTAAGGTTCAACAGTGTCTTAAATACTGCTG 427

QY 425 AAAAA 430
Db 428 CAAAA 433

RESULT 12
US-09-912-276-2

; Sequence 2, Application US/09912276
; Patient No. 618352
GENERAL INFORMATION:
APPLICANT: Billing-Medel, Patricia A.
APPLICANT: Cohen, Maurice
APPLICANT: Colpitts, Tracey L.
APPLICANT: Friedman, Paula N.
APPLICANT: Gordon, Julian
APPLICANT: Grandos, Edward N.
APPLICANT: Hodges, Steven C.
APPLICANT: Klasas, Michael R.
APPLICANT: Klatovich, Jon D.
APPLICANT: Roberts-Rapp, Lisa
APPLICANT: Russell, John C.
APPLICANT: Stipe, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
NUMBER OF SEQUENCES: 25

NUMBER OF SEQ ID NOS: 463
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 209
; LENGTH: 231
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (83)
; OTHER INFORMATION: n=A,T,C or G
; US-09-389-681-209

Query Match 51.1%; Score 223; DB 4; Length 231;
Best Local Similarity 99.6%; Pred. No. 2.9e-61; Mismatches 1; Indels 0; Gaps 0;
Matches 223; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 198 GGAAGCTGTTGAGCCAGTGGAGTAGGAGAATGAAAGATGACCGATCAGATGCCCTCAGAA 257
Db 225 GGAGGCTCTTGAGCCAGTGGAGTAGGAGAATGAAAGATGACCGATCAGATGCCCTCAGAA 166
Qy 258 AGGAAGCTCATCTGCGAGTGCCTGGTCAATGAAATATGAGAAATGAAAGATGACCGATCAGATGCCCTCAGAA 317
Db 165 AGGAAGCTCATCTGCGAGTGCCTGGTCAATGAAATATGAGAAATGAAAGATGACCGATCAGATGCCCTCAGAA 106
Qy 318 AAAACTTCACCTCTGGTTCACGTCTTCATGACACCCTGATCTCATGCTCAGAT 377
Db 105 AAAACTTCACCTCTGGTTCACGTCTTCATGACACCCTGATCTCATGCTCAGAT 46
Qy 378 GAAAGCTTCAAGCTGCTTAATAACTCTGCTCCA 421
Db 45 GAAAGCTTCAAGCTGCTTAATAACTCTGCTCCA 2

RESULT 15
US-09-620-405B-209/c
; Sequence 209, Application US/09620405B

; Patent No. 6528054
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yuguin
; APPLICANT: Dillon, Darin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Hepler, William T.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121-470C8
; CURRENT FILING DATE: 2000-07-20
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 209
; LENGTH: 231
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (83)
; OTHER INFORMATION: n=A,T,C or G
; US-09-620-405B-209

Query Match 51.1%; Score 223; DB 4; Length 231;
Best Local Similarity 99.6%; Pred. No. 2.9e-61; Mismatches 1; Indels 0; Gaps 0;
Matches 223; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 198 GGAAGCTGTTGAGCCAGTGGAGTAGGAGAATGAAAGATGACCGATCAGATGCCCTCAGAA 257
Db 225 GGAGGCTCTTGAGCCAGTGGAGTAGGAGAATGAAAGATGACCGATCAGATGCCCTCAGAA 166
Qy 258 AGGAAGCTCATCTGCGAGTGCCTGGTCAATGAAATATGAGAAATGAAAGATGACCGATCAGATGCCCTCAGAA 317
Db 165 AGGAAGCTCATCTGCGAGTGCCTGGTCAATGAAATATGAGAAATGAAAGATGACCGATCAGATGCCCTCAGAA 106
165 AGGAAGCTCATCTGCGAGTGCCTGGTCAATGAAATATGAGAAATGAAAGATGACCGATCAGATGCCCTCAGAA 106

OM nucleic - nucleic search, using sw model
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processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries
 Published Applications NA: *
 1: /cgn2_6/podata/1/pubpna/US07_PUBCOMB.seq: *
 2: /cgn2_6/podata/1/pubpna/PCT_NEW_PUB.seq: *
 3: /cgn2_6/podata/1/pubpna/US06_PUBCOMB.seq: *
 4: /cgn2_6/podata/1/pubpna/US06_PUBCOMB.seq: *
 5: /cgn2_6/podata/1/pubpna/US07_PUB.seq: *
 6: /cgn2_5/podata/1/pubpna/PICTUS_PUBCOMB.seq: *
 7: /cgn2_6/podata/1/pubpna/US60_NEW_PUB.seq: *
 8: /cgn2_6/podata/1/pubpna/US18_PUBCOMB.seq: *
 9: /cgn2_6/podata/1/pubpna/US09_PUBCOMB.seq: *
 10: /cgn2_6/podata/1/pubpna/US09_PUBCOMB.seq: *
 11: /cgn2_6/podata/1/pubpna/PUBCOMB.seq: *
 12: /cgn2_6/podata/1/pubpna/US09_PUBCOMB.seq: *
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 14: /cgn2_6/podata/1/pubpna/US10_PUBCOMB.seq: *
 15: /cgn2_6/podata/1/pubpna/US10_PUBCOMB.seq: *
 16: /cgn2_6/podata/1/pubpna/US10_NEW_PUB.seq: *
 17: /cgn2_6/podata/1/pubpna/US60_NEW_PUB.seq: *
 18: /cgn2_6/podata/1/pubpna/US60_PUBCOMB.seq: *

RESULT 1	US-09-985-911-3
:	Sequence 3, Application US/09985911
Patient No.	US2000151012A1
GENERAL INFORMATION:	
APPLICANT: NI ET AL.	
TITLE OF INVENTION: HUMAN ENDOMETRIAL SPECIFIC STEROID-BINDING FACTOR I, II AND III	
FILM REFERENCE: FP25703	
CURRENT APPLICATION NUMBER: US/09/985, 911	
PRIOR APPLICATION NUMBER: 09/583, 169	
PRIOR FILING DATE: 2000-03-30	
PRIOR APPLICATION NUMBER: 09/263, 810	
PRIOR FILING DATE: 1999-03-08	
PRIOR APPLICATION NUMBER: 08/821, 451	
PRIOR FILING DATE: 1997-03-21	
PRIOR APPLICATION NUMBER: 60/014, 724	
PRIOR FILING DATE: 1996-03-21	
NUMBER OF SEQ ID NOS:	27
SEQUENCE DATA:	Sequence 1, Appli
	Sequence 2, Appli
	Sequence 3, Appli
	Sequence 4, Appli
	Sequence 5, Appli
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	Sequence 39, Appli
	Sequence 40, Appli
	Sequence 41, Appli
	Sequence 42, Appli
	Sequence 43, Appli
	Sequence 44, Appli
	Sequence 45, Appli
ALIGNMENTS	

Qy 181 AAATTGATGCCCTCGGAAGCTGTTGACCAAGTAAAGGTGAGAGATGACGGAT 240
 Db 264 AAATTGATGCCCTCGGAAGCTGTTGACCAAGTAAAGGTGAGAGATGACGGAT 323
 Qy 241 CAGATGTCCTCAGAACGAAACCTCTGGGAAGTCTCTGGAAATTGAGAAA 300
 Db 324 CAGATGTCCTCAGAACGAAACCTCTGGGAAGTCTCTGGAAATTGAGAAA 383
 Qy 301 TGTAGTGTGACATGTTAAACTTCCTGGTTCACTGCTTCAATGACCC 360
 Db 384 TGTAGTGTGACATGTTAAACTTCCTGGTTCACTGCTTCAATGACCC 443
 Qy 361 GATTTCACTGCAAGATTAAGGTTCAAGCTCTGCTTAAATACATGCTCC 420
 Db 361 GATTTCACTGCAAGATTAAGGTTCAAGCTCTGCTTAAATACATGCTCC 420
 Qy 444 GATCTCACTGCAAGATTAAGGTTCAAGCTCTGCTTAAATACATGCTCC 503
 Db 421 AAAAAA 436
 Qy 504 ACCTCAAA 519

RESULT 4
 US-09-975-502A-2
 Sequence 2, Application US/0975502A
 Publication No. US20030044859A1
 GENERAL INFORMATION:
 APPLICANT: Abbott Laboratories
 APPLICANT: Henslee, Jerry G.
 APPLICANT: Friedman, Paula N.
 TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
 FILE REFERENCE: 5722.US.
 CURRENT APPLICATION NUMBER: US/09/975, 502A
 PRIOR APPLICATION NUMBER: US 09/1467, 602
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: US 09/215, 818
 PRIOR FILING DATE: 1998-12-18
 PRIOR APPLICATION NUMBER: US 08/912, 276
 PRIOR FILING DATE: 1997-08-15
 PRIOR APPLICATION NUMBER: US 08/697, 105
 PRIOR FILING DATE: 1995-08-19
 PRIOR APPLICATION NUMBER: US 08/912, 149
 PRIOR FILING DATE: 1997-08-15
 PRIOR APPLICATION NUMBER: US 08/697, 106
 NUMBER OF SEQ ID NOS: 8
 SEQ ID NO 2 LENGTH: 482
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-975-502A-2

Query Match 96.6%; Score 421; DB 10; length 482;
 Best Local Similarity 100.0%; Pred. No. 1.8e-124; Indels 0; Gaps 0;
 Matches 421; Conservative 0; Mismatches 0;
 Qy 1 TTGTTGAAAGTGTACCTTGAAACAGCCACCATGAAAGCTGCTGTCCTC 60
 Db 58 TTGTTGAAAGTGTACCTTGAAACAGCCACCATGAAAGCTGCTGTCCTC 117
 Qy 61 CTGCTGGCACAGCTGGCCTCTGTACAGGGCAATGGGAGTCTGGCTCTT 120
 Db 118 CTGCTGGCACAGCTGGCCTCTGTACAGGGCAATGGGAGTCTGGCTCTT 177
 Qy 121 GTTCTGAGCTGAGTTCCTCTTAAAGTAAAGCTGTTGAGAGATGACGGAT 180
 Db 178 GTTCTGAGCTGAGTTCCTCTTAAAGTAAAGCTGTTGAGAGATGACGGAT 237
 Qy 181 AAATTGATGCCCTCGGAAGCTGTTGACCAAGTAAAGGTGAGAGATGACGGAT 240
 Db 238 AAATTGATGCCCTCGGAAGCTGTTGACCAAGTAAAGGTGAGAGATGACGGAT 297

RESULT 5
 US-10-131-410-58
 Sequence 58, Application US/10131410
 Publication No. US20030235915A1
 GENERAL INFORMATION:
 APPLICANT: SPECHT, THOMAS
 APPLICANT: HINZMANN, BERND
 APPLICANT: SCHMITT, ARMIN
 APPLICANT: PILARSKY, CHRISTIAN
 APPLICANT: DATH, EDGAR
 APPLICANT: ROSENTHAL, ANDRE
 TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM TISSUE OF BREAST
 FILE REFERENCE: SCH-1763
 CURRENT APPLICATION NUMBER: US/10/131, 410
 PRIOR APPLICATION NUMBER: 09/1646, 673
 PRIOR FILING DATE: 2000-09-20
 PRIOR APPLICATION NUMBER: PCT/DE99/00908
 PRIOR FILING DATE: 1999-03-19
 NUMBER OF SEQ ID NOS: 202
 SOFTWARE: Patentin Ver. 2.1
 SEQ ID NO 58
 LENGTH: 494
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-10-131-410-58

Query Match 96.6%; Score 421; DB 15; length 494;
 Best Local Similarity 100.0%; Pred. No. 1.8e-124; Indels 0; Gaps 0;
 Matches 421; Conservative 0; Mismatches 0;
 Qy 1 TTGTTGAAAGTGTACCTTGAAACAGCCACCATGAAAGCTGCTGTCCTC 60
 Db 70 TTGTTGAAAGTGTACCTTGAAACAGCCACCATGAAAGCTGCTGTCCTC 129
 Qy 61 CTGCTGGCACAGCTGGCCTCTGTACAGGGCAATGGGAGTCTGGCTCTT 120
 Db 130 CTGCTGGCACAGCTGGCCTCTGTACAGGGCAATGGGAGTCTGGCTCTT 189
 Qy 121 GTTCTGAGCTGAGTTCCTCTTAAAGTAAAGCTGTTGAGAGATGACGGAT 180
 Db 190 GTTCTGAGCTGAGTTCCTCTTAAAGTAAAGCTGTTGAGAGATGACGGAT 249
 Qy 181 AAATTGATGCCCTCGGAAGCTGTTGACCAAGTAAAGGTGAGAGATGACGGAT 240
 Db 250 AAATTGATGCCCTCGGAAGCTGTTGAGAGATGACGGAT 309
 Qy 241 CAGATGTCCTCAGAACGAAACCTCTGGGAAGCTGCTTCAATGACCC 300
 Db 310 CAGATGTCCTCAGAACGAAACCTCTGGGAAGCTGCTTCAATGACCC 369
 Qy 301 TGTAGTGTGACATGTTAAACTTCCTCTGGTTCACTGCTTCAATGACCC 360
 Db 370 TGTAGTGTGACATGTTAAACTTCCTCTGGTTCACTGCTTCAATGACCC 429

QY 361 GATCTTCACTGAGAATGTAAGGTTCAAGGCTGTCTTATAATCAGTCCTCC 420
Db 430 GATCTTCACTGAGAATGTAAGGTTCAAGGCTGTCTTATAATCAGTCCTCC 429
QY 421 A 421
Db 490 A 490

RESULT 5
US-10-058-270A-83
Sequence 83, Application US/10058270A
Publication No. US20040029114A1
GENERAL INFORMATION:
APPLICANT: Mack, David H.
APPLICANT: Gish, Kurt C.
APPLICANT: Afar, Daniel
APPLICANT: BioS Biotechnology, Inc.
TITLE OF INVENTION: Methods of Diagnosis of Breast Cancer, Compositions and Methods of Screening for Modulators of Breast Cancer
FILE REFERENCE: 18501-05510US
CURRENT APPLICATION NUMBER: US/10/058,270A
CURRENT FILING DATE: 2002-01-24⁴
PRIOR APPLICATION NUMBER: US 60/263,965
PRIOR FILING DATE: 2001-01-24
PRIOR APPLICATION NUMBER: US 60/265,928
PRIOR APPLICATION NUMBER: US 09/829,472
PRIOR FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: US 60/282,698
PRIOR FILING DATE: 2001-04-09
PRIOR APPLICATION NUMBER: US 60/288,590
PRIOR FILING DATE: 2001-05-04
PRIOR APPLICATION NUMBER: US 60/294,443
PRIOR FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 141
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 83
LENGTH: 444
TYPE: DNA
ORGANISM: Homo sapiens
US-10-058-270A-83

Query Match 96.0%; Score 418.4; DB 12; Length 444;
Best Local Similarity 99.8%; Pred. No. 1.2e-123;
Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TTGTTGGAACTGAGCTACAGCAAACAGGCCAACCTGAAAGGTGCGGTGTC 60
Db 25 TTGTTGGAACTGAGCTACAGCAAACAGGCCAACCATGAGCTGCGGTGTC 84

QY 61 CTGCTGGCACCGTGCCTCTGTGCTACAGGCCAACCTGAAAGGTGCGGTGTC 60
Db 85 CTGCTGGCACCGTGCCTCTGTGCTACAGGCCAACCTGAAAGGTGCGGTGTC 144

QY 121 GTTCTGAGCTGTAGACTCTCTCTGATTAGTGAACCTCTCTGAGTGTGCTC 180
Db 145 GTTCTGAGCTGTAGACTCTCTCTGAGTGTGCTC 204

QY 181 AAATTGATGCCCTCCGAGGCTCATGGGAAGCTGAGTGTGAAATATGAGAA 120
Db 205 AAATTGATGCCCTCCGAGGCTCATGGGAAGCTGAGTGTGAAATATGAGAA 264

QY 241 CAGATGCTCTCAGAACGAGGCTCATGGGAAGCTGAGTGTGAAATATGAGAA 300
Db 265 CAGATGCTCTCAGAACGAGGCTCATGGGAAGCTGAGTGTGAAATATGAGAA 324

QY 301 TGTGTTGAGCTGAAACTTCATCTGTTCACTCTTCAATGACACCT 360
Db 325 TGTGTTGAGCTGAAACTTCATCTGTTCACTCTTCACTGTTCAATGACACCT 384

QY 361 GATCTTCACTGAGAATGTAAGGTTCAAGGCTGTCTTATAATCAGTCCTCC 420

RESULT 7
US-10-097-340-180
Sequence 180, Application US/10097340
Publication No. US20030087250A1
GENERAL INFORMATION:
APPLICANT: John MONAHAN
APPLICANT: Manjula GANNAVARAPU
APPLICANT: Sebastian HOERSCH
APPLICANT: Shubhangi KOMATIAR
APPLICANT: Steve G. KOVATS
APPLICANT: Michael MORRISEY
APPLICANT: Peter OLANDT
APPLICANT: Ani SEN
APPLICANT: Peter VEIBY
APPLICANT: Gordon B. MILLS
APPLICANT: Robert C. BAST, JR.
APPLICANT: Karen LU
APPLICANT: Rosemarie SCHMANDT
APPLICANT: Xumei ZHAO
APPLICANT: Karen GLATT
TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification, Assessment, Prevention, and Therapy of Ovarian Cancer
FILE REFERENCE: 071-030
CURRENT APPLICATION NUMBER: US/10/097,340
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/276,025
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/325,149
PRIOR FILING DATE: 2001-09-06
PRIOR APPLICATION NUMBER: 60/276,026
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/324,967
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/311,732
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/325,102
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60/323,580
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 363
SEQ ID NO 180
LENGTH: 444
TYPE: DNA
ORGANISM: Homo sapiens
US-10-097-340-180

Query Match 96.0%; Score 418.4; DB 14; Length 444;
Best Local Similarity 99.8%; Pred. No. 1.2e-123;
Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TTGTTGGAACTGAGCTACAGCAAACAGGCCAACCTGAAAGGTGCGGTGTC 60
Db 25 TTGTTGGAACTGAGCTACAGCAAACAGGCCAACCATGAGCTGCGGTGTC 84

QY 61 CTGCTGGCACCGTGCCTCTGTGCTACAGGCCAACCTGAAAGGTGCGGTGTC 120
Db 85 CTGCTGGCACCGTGCCTCTGTGCTACAGGCCAACCTGAAAGGTGCGGTGTC 144

QY 121 GTTCTGAGCTGTAGACTCTCTCTGATTAGTGAACCTCTGAGTGTGCTC 180
Db 145 GTTCTGAGCTGTAGACTCTCTCTGAGTGTGCTC 204

QY 181 AAATTGATGCCCTCCGAGGCTCATGGGAAGCTGAGTGTGAAATATGAGAA 120
Db 205 AAATTGATGCCCTCCGAGGCTCATGGGAAGCTGAGTGTGAAATATGAGAA 264

QY 241 CAGATGCTCTCAGAACGAGGCTCATGGGAAGCTGAGTGTGAAATATGAGAA 300
Db 265 CAGATGCTCTCAGAACGAGGCTCATGGGAAGCTGAGTGTGAAATATGAGAA 324

QY 301 TGTGTTGAGCTGAAACTTCATCTGTTCACTCTTCAATGACACCT 360
Db 325 TGTGTTGAGCTGAAACTTCATCTGTTCACTCTTCACTGTTCAATGACACCT 384

QY 361 GATCTTCACTGAGAATGTAAGGTTCAAGGCTGTCTTATAATCAGTCCTCC 420

Db 385 GATCTTCACTGAGAATGTAAGGTTCAAGGCTGTCTTATAATCAGTCCTCC 444

RESULT 8
US-10-177-293-271
; Sequence 271, Application US/10177293
; Publication No. US20030124128A1
GENERAL INFORMATION:
APPLICANT: Lillie, James
APPLICANT: Giatt, Karen
APPLICANT: Zhao, Xumei
APPLICANT: Gannavarpu, Manjula
APPLICANT: Kamakar, Shubhangi
APPLICANT: Mertens, Maureen
APPLICANT: Myer, Vic
APPLICANT: Wang, Youchen
APPLICANT: Xu, Yongxiao
APPLICANT: Hoerisch, Sebastian
APPLICANT: Monahan, John
APPLICANT: Meyers, Rachel E.
APPLICANT: Bast Jr., Robert C.
APPLICANT: Hortobagyi, Gabriel N.
APPLICANT: Meric, Funda
APPLICANT: Sahn, Aysegul
APPLICANT: Mills, Gordon B.
TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF BREAST CANCER
FILE REFERENCE: MRI-038
CURRENT APPLICATION NUMBER: US/10-177-293
CURRENT FILING DATE: 2002-06-21
PRIOR APPLICATION NUMBER: US 60/299, 887
PRIOR FILING DATE: 2001-06-21
PRIOR APPLICATION NUMBER: US 60/301, 572
PRIOR FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: US 60/306, 501
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: US 60/325, 002
PRIOR FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: US 60/362, 585
PRIOR FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: US 60/xxxx, xxxx
PRIOR FILING DATE: 2002-05-14
NUMBER OF SEQ ID NOS: 506
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO: 271
LENGTH: 444
TYPE: DNA
ORGANISM: Homo sapiens
US-10-177-293-271

Query Match 96.0%; Score 418:4; DB 9; Length 463;
Best Local Similarity 99.8%; Pred. No. 1.2e-123; DB 9; Length 463;
Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 TTGTTTGTGAAGCTGAGTCACAGAAAACAGGCCATCGCTGAGCTGCTGGTCTGC 60
Db 25 TTGTTTGTGAAGCTGAGTCACAGAAAACAGGCCATCGCTGAGCTGCTGGTCTGC 84
QY 61 CTGCTGGTCAACCTGCGCTCTGCTGAGCTGCTGGTCTGC 120
Db 85 CTGCTGGTCAACCTGCGCTCTGCTGAGCTGCTGGTCTGC 144
QY 121 GTTCTGAGCTGTTAGCTCTCTCATAGTGAACTCTGTCAGTTAGCTTGCC 180
Db 164 GTTCTGAGCTGTTAGCTCTCTCATAGTGAACTCTGTCAGTTAGCTTGCC 223
QY 181 AATTGTGACGCCCTCGGAGAGCTGTGAGCGAAGTAGGAGAGATGAGGAT 240
Db 224 AATTGTGACGCCCTCGGAGAGCTGTGAGCGAAGTAGGAGAGATGAGGAT 283
QY 241 CAGATGCCCTGAGAACGAGGCCATCGCTGGAGTCCTGGTGAATAATTGAGAA 300
Db 284 CAGATGCCCTGAGAACGAGGCCATCGCTGGAGTCCTGGTGAATAATTGAGAA 343
QY 301 TTGAGTGTGAGCTAACCTTCATCTGTTCTCATGACCT 360
Db 344 TTGAGTGTGAGCTAACCTTCATCTGTTCTCATGACCT 403
QY 361 GATCTTCACTCGAGAATGTAAGGTCAAGCTCTCTGTTAATAATCACTGCTCC 420
Db 385 GATCTTCACTCGAGAATGTAAGGTCAAGCTCTGTTAATAATCACTGCTCC 444

RESULT 9
US-09-025-301-76
; Sequence 76, Application US/09825301
; Patent No. US200200973A1
GENERAL INFORMATION:
APPLICANT: Houghton, Raymond L.
APPLICANT: Dillon, Davin C.
APPLICANT: Molesh, David A.
APPLICANT: Xu, Jiangchun
APPLICANT: Zehnner, Barbara
APPLICANT: Persing, David R.
TITLE OF INVENTION: METHODS, COMPOSITIONS AND KITS FOR THE DETECTION AND MONITORING OF BREAST CANCER
FILE REFERENCE: 210121-513
CURRENT APPLICATION NUMBER: US/09-825, 301
CURRENT FILING DATE: 2001-04-02
NUMBER OF SEQ ID NOS: 77
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 76
LENGTH: 463
TYPE: DNA
ORGANISM: Homo sapiens
US-09-025-301-76

Query Match 99.8%; Score 418:4; DB 9; Length 463;
Best Local Similarity 99.8%; Pred. No. 1.2e-123; DB 9; Length 463;
Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1 TTGTTTGTGAAGCTGAGTCACAGAAAACAGGCCATCGCTGAGCTGCTGGTCTGC 60
Db 44 TTGTTTGTGAAGCTGAGTCACAGAAAACAGGCCATCGCTGAGCTGCTGGTCTGC 103
QY 61 CTGCTGGTCAACCTGCGCTCTGCTGAGCTGCTGGTCTGC 120
Db 104 CTGCTGGTCAACCTGCGCTCTGCTGAGCTGCTGGTCTGC 163

Do 404 GATCTCACTGCGAAGTTCACGTTGTTATAACTTGCTCTAC 463
 RESULT 10
 Sequence 28, Application US/09110716A
 Patent No. US20020034739A1
 GENERAL INFORMATION:
 APPLICANT: Lehrer, Robert I.
 APPLICANT: Zhao, Chengqian
 APPLICANT: Glasgow, Benjamin J.
 TITLE OF INVENTION: PEPTIDES CHARACTERISTIC OF CERTAIN TUMORS
 FILE REFERENCE: 22000-20596.00
 CURRENT APPLICATION NUMBER: US/09/110,716A
 CURRENT FILING DATE: 1998-07-07
 NUMBER OF SEQ ID NOS: 41
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 28
 LENGTH: 463
 TYPE: DNA
 ORGANISM: lipophilin B
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (83)..(352)
 ; US-09-110-716-28

Query Match Similarity 96.0%; Score 418.4; DB 9; Length 463;
 Best Local Similarity 99.8%; Pred. No. 1.2e-123;
 Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Matches 419; Conservat 0; Mismatche 1; Indels 0; Gaps 0;

QY 1 TTGTGTGAAAGTGAATCACAGCAGAACAGCCGAGTGCCTGGTGTTC 60
 Db 44 TTGTGTGAAAGTGAATCACAGCAGAACAGCCGAGTGCCTGGTGTTC 103
 QY 61 CTGCGTGTACAGCTGGCCCTCTGCTGCTACGACAGGAGTGTGCCAGCTT 120
 Db 104 CTGCGTGTACAGCTGGCCCTCTGCTGCTACGACAGGAGTGTGCCAGCTT 163
 Db 121 GTTCTGACTGTAGACCTCTCTCTGTAAGTAACTCTCTGTCAGTTAAGTCTGCC 180
 Db 164 GTTCTGACTGTAGACCTCTCTCTGTAAGTAACTCTCTGTCAGTTAAGTCTGCC 223
 QY 181 AAATTGATGCGCTCCGAGCTGTCAGGAGCTGAGCTGCGAGTGTGGCAGCTT 240
 Db 224 AAATTGATGCGCTCCGAGCTGTCAGGAGCTGTCAGGAGCTGCGAGCTT 283
 QY 241 CAGATGCTTCGAAAGGAGCTCATGGGAAACTCTGGTAAATTGAGAA 300
 Db 284 CAGATGCTTCGAAAGGAGCTCATGGGAAACTCTGGTAAATTGAGAA 343
 QY 301 TGTACTGTGACATGAAACTCTCATCTCTGTTCACTGCTTCATGACACCT 360
 Db 344 TGTACTGTGACATGAAACTCTCATCTCTGTTCACTGCTTCATGACACCT 403
 QY 361 GATCTCACTGCGAAGTTCACGTTAAGTTAACGTTGTTAAATTAACGTTGCTCC 420
 Db 404 GATCTCACTGCGAAGTTCACGTTAAGTTAACGTTGTTAAATTAACGTTGCTCC 463
 QY 463 GATCTCACTGCGAAGTTCACGTTAAGTTAACGTTGTTAAATTAACGTTGCTCC 463
 ; US-09-095-673-10

RESULT 11
 Sequence 10, Application US/09095673
 Publication No. US20030170246A1
 GENERAL INFORMATION:
 APPLICANT: Fanger, Gary R.
 APPLICANT: Durham, Margarita
 APPLICANT: Houghton, Raymond L.
 APPLICANT: Dillon, Davin C.
 APPLICANT: Carter, Barrick
 APPLICANT: Pering, David H.
 TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
 TITLE OF INVENTION: DIAGNOSIS AND THERAPY
 FILE REFERENCE: 210121.498C2
 CURRENT APPLICATION NUMBER: US/10/096,319
 CURRENT FILING DATE: 2002-03-12
 NUMBER OF SEQ ID NOS: 78
 SOFTWARE: FastSeq for Windows Version 3.0
 SEQ ID NO: 10
 LENGTH: 463
 TYPE: DNA
 ORGANISM: Homo sapiens
 ; US-09-095-673-10

Query Match Similarity 96.0%; Score 418.4; DB 14; Length 463;
 Best Local Similarity 99.8%; Pred. No. 1.2e-123;
 Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Matches 419; Conservat 0; Mismatche 1; Indels 0; Gaps 0;

QY 1 TTGTGTGAAAGTGAATCACAGCAGAACAGCCGAGTGCCTGGTGTTC 60
 Db 44 TTGTGTGAAAGTGAATCACAGCAGAACAGCCGAGTGCCTGGTGTTC 103
 QY 61 CTGCGTGTACAGCTGGCCCTCTGCTGCTACGACAGGAGTGTGCCAGCTT 120

RESULT 13
 US-10-033-527-76
 ; Sequence 76, Application US/10033527
 ; Publication No. US2003170631A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Houghton, Raymond L.
 ; APPLICANT: Dillon, Devin C.
 ; APPLICANT: Molesh, David A.
 ; APPLICANT: Xu, Jiangchun
 ; APPLICANT: Zehentner, Barbara
 ; APPLICANT: Persing, David H.
 ; TITLE OF INVENTION: METHODS, COMPOSITIONS AND KITS FOR THE DETECTION
 ; FILE REFERENCE: 210121_513C1
 ; CURRENT APPLICATION NUMBER: US/10/033,527
 ; CURRENT FILING DATE: 2001-10-27
 ; NUMBER OF SBO ID NOS: 77
 ; SOFTWARE: FASTSEQ for Windows Version 3.0
 ; SEQ ID NO: 76
 ; LENGTH: 463
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; TITLE OF INVENTION: METHODS, COMPOSITIONS AND KITS FOR THE DETECTION
 ; FILE REFERENCE: 210121_513C1
 ; CURRENT APPLICATION NUMBER: US/10/033,527
 ; CURRENT FILING DATE: 2001-10-27
 ; NUMBER OF SBO ID NOS: 77
 ; SOFTWARE: FASTSEQ for Windows Version 3.0
 ; SEQ ID NO: 76
 ; LENGTH: 463
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-033-527-76

Query Match 96.0%; Score 418.4; DB 14; Length 463;
 Best Local Similarity 99.8%; Pred. No. 1.9e-123; Matches 419; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TTGTGTTGAAGCTGAGCTACAGCAAAAGGCCACCATGAAAGTGCGGTGTC 60
 QY 44 TTGTGTTGAAGCTGAGCTACAGCAAAAGGCCACCATGAAAGTGCGGTGTC 103
 Db 300 GTTCTGAGCTGTTAGACTCTCTCATTAGTGAACCTCTGTCAGTTGC 241
 QY 181 AAATTGATGCCCTCGGAAAGCTGAGCTACAGCAAAAGGCCACCATGAA 120
 Db 240 AAATTGATGCCCTCGGAAAGCTGAGCTACAGCAAAAGGCCACCATGAA 163
 Db 360 CTGCTGGCACGTGGCTCTGTGACCCATGGCCATGGGAGCTGCCAGCTT 301
 Db 121 GTTCTGAGCTGTTAGACTCTCTCATTAGTGAACCTCTGTCAGTTGC 180
 Db 301 GTTCTGAGCTGTTAGACTCTCTCATTAGTGAACCTCTGTCAGTTGC 223
 QY 241 CAGATGTCCTAGAACGAGCTCATGGGAAGCTCTGGTAATAATGAGAA 300
 Db 361 GATCTCTGAGCTGAAAGCTGAGCTACAGCAAAAGGCCACCATGAA 121
 Db 60 GATCTCTGAGCTGAAAGCTGAGCTACAGCAAAAGGCCACCATGAA 1

RESULT 14
 US-09-778-320-85/c
 ; Sequence 85, Application US/09778320
 ; Patent No. US2001034052A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Dillon, Devin C.
 ; APPLICANT: Day, Craig H.
 ; APPLICANT: Jiang, Yuqiu
 ; APPLICANT: Houghton, Raymond L.
 ; APPLICANT: Mitcham, Jennifer
 ; APPLICANT: Wang, TongTong
 ; APPLICANT: McNeill, Patricia D.
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
 ; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
 ; FILE REFERENCE: 210121_491C5
 ; CURRENT APPLICATION NUMBER: US/09/778,320
 ; NUMBER OF SEQ ID NOS: 301
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 85
 ; LENGTH: 500
 ; OTHER INFORMATION: n = A, T, C or G
 ; US-09-778-320-85

Query Match 94.4%; Score 411.6; DB 9; Length 500;
 Best Local Similarity 98.6%; Pred. No. 1.9e-121; Matches 414; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 TTGTGTTGAAGCTGAGCTACAGCAAAAGGCCACCATGAAAGTGCGGTGTC 60
 Db 420 TTGTGTTGAAGCTGAGCTACAGCAAAAGGCCACCATGAAAGTGCGGTGTC 361
 QY 61 CTGCTGGCACGTGGCTCTGTGACCCATGGCCATGGGAGCTGCCAGCTT 120
 Db 240 TTGTGTTGAAGCTGAGCTACAGCAAAAGGCCACCATGAAAGTGCGGTGTC 181
 QY 181 AAATTGATGCCCTCGGAAAGCTGAGCTACAGCAAAAGGCCACCATGAA 300
 Db 240 AAATTGATGCCCTCGGAAAGCTGAGCTACAGCAAAAGGCCACCATGAA 163
 Db 360 GATCTCTGAGCTGAAAGCTGAGCTACAGCAAAAGGCCACCATGAA 121
 Db 301 GTTCTGAGCTGTTAGACTCTCTCATTAGTGAACCTCTGTCAGTTGC 360
 Db 120 TTGTGTTGAAGCTGAGCTACAGCAAAAGGCCACCATGAAATGAGAA 61
 QY 361 GATCTCTGAGCTGAAAGCTGAGCTACAGCAAAAGGCCACCATGAA 420
 Db 60 GATCTCTGAGCTGAAAGCTGAGCTACAGCAAAAGGCCACCATGAA 1

RESULT 15
 US-09-910-689-85/c
 ; Sequence 85, Application US/09910689

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; Patent No. US20020081609A1
; GENERAL INFORMATION:
; APPLICANT: Dillon, Devin C.
; APPLICANT: Day, Craig H.
; APPLICANT: Jiang, Yiqiu
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Mitcham, Jennifer
; APPLICANT: Wang, Tongtong
; APPLICANT: McNeill, Patricia D.
; APPLICANT: Harlocker, Susan L.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TREATMENT OF BREAST CANCER
FILE REFERENCE: 210121_491C6
CURRENT APPLICATION NUMBER: US09/910,689
CURRENT FILING DATE: 2001-07-20
NUMBER OF SEQ ID NOS: 307
SOFTWARE: RatsBc for Windows Version 4.0
SEQ ID NO 85
LENGTH: 500
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 9 44 494
OTHER INFORMATION: n = A,T,C or G
US-09-910-689-85

Query Match 94.4%; Score 411.6; DB 9; Length 500;
Best Local Similarity 98.6%; Pred. No. 1.9e-121;
Matches 414; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY      1 TGTGTTGAGCTGAGCTACAGCAAACGACCATGAACTGTGGGTGTC
Db      420 TGTGTTGAGCTGAGCTACAGCAAACGACCATGAACTGTGGGTGTC
QY      61 CCGCTGGTCAAGCTGAGCTTGCTGAGCTACAGCAAACGACCATGAACTGTGGGTGTC
Db      360 CGCTGCTCAAGCTGAGCTTGCTGAGCTACAGCAAACGACCATGAACTGTGGGTGTC 361
QY      121 GTTTCTGAAGCTTAGACTTCTCATAGTGAACTCTGTCAAGTTAGTGTGCC
Db      240 ATTTTCTGAAGCTTAGACTTCTCATAGTGAACTCTGTCAAGTTAGTGTGCC 241
QY      300 GTTCTGAAGCTTAGACTTCTCATAGTGAACTCTGTCAAGTTAGTGTGCC
Db      181 AATTCTGAAGCTTAGACTTCTCATAGTGAACTCTGTCAAGTTAGTGTGCC 240
Db      240 AATTCTGAAGCTTAGACTTCTCATAGTGAACTCTGTCAAGTTAGTGTGCC 181
QY      241 CAGATGCCCTTCAGAACGAGCTCATTCGGAACTCTGTCAAGTTAGTGTGCC
Db      180 CAGATGCCCTTCAGAACGAGCTCATTCGGAACTCTGTCAAGTTAGTGTGCC 181
Db      301 TGTAGTGTGAGCATGAAACTTCTCATGGTTCTGTCTTCAATGACCT
Db      120 TGTAGTGTGAGCATGAAACTTCTCATGGTTCTGTCTTCAATGACCT 61
QY      361 GATCTCACTGAGATAAGTTCAACGCTCTGTTAAATCATTGCTCC 420
Db      60 GATCTCACTGAGATAAGTTCAACGCTCTGTTAAATCATTGCTCC 1

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Job time : 309 secs

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OM protein - protein search, using sw model

Run on: March 11, 2004, 17:44:16 ; Search time 34 Seconds
(without alignments)

558.935 Million cell updates/sec

Title: US-09-806-301-2

Perfect score: 450

Sequence: 1 MKLSCVLLVLTLALCCYQANAECPALPSELLDPFFSPLFKLSLAKPDAPEEAKL 60

Scoring table: BL0SUM62

Gapop 10.0 , Gapext 0.5

Searched: 809742 seqs, 211153259 residues

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications DA:
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 2: /cggn2_6/ptodata/1/pupaa/US07_PUBCOMB.pep: *
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 4: /cggn2_6/ptodata/1/pupaa/US06_PUBCOMB.pep: *
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 6: /cggn2_6/ptodata/1/pupaa/PCUTS_PUBCOMB.pep: *
 7: /cggn2_6/ptodata/1/pupaa/US08_NEW_PUBCOMB.pep: *
 8: /cggn2_6/ptodata/1/pupaa/US08_PUBCOMB.pep: *
 9: /cggn2_6/ptodata/1/pupaa/US09_PUBCOMB.pep: *
 10: /cggn2_6/ptodata/1/pupaa/US09_PUBCOMB.pep: *
 11: /cggn2_6/ptodata/1/pupaa/US09_PUBCOMB.pep: *
 12: /cggn2_6/ptodata/1/pupaa/US09_NEW_PUBCOMB.pep: *
 13: /cggn2_6/ptodata/1/pupaa/US10_PUBCOMB.pep: *
 14: /cggn2_6/ptodata/1/pupaa/US10_PUBCOMB.pep: *
 15: /cggn2_6/ptodata/1/pupaa/US10C_PUBCOMB.pep: *
 16: /cggn2_6/ptodata/1/pupaa/US10C_PUBCOMB.pep: *
 17: /cggn2_6/ptodata/1/pupaa/US60_NEW_PUBCOMB.pep: *
 18: /cggn2_6/ptodata/1/pupaa/US60_PUBCOMB.pep: *

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	450	100.0	90	Sequence 77, Appl
2	450	100.0	90	Sequence 29, Appl
3	450	100.0	90	Sequence 1, Appl
4	450	100.0	90	Sequence 4, Appl
5	450	100.0	90	Sequence 6, Appl
6	450	100.0	90	Sequence 2, Appl
7	450	100.0	90	Sequence 35, Appl
8	450	100.0	90	Sequence 181, Appl
9	450	100.0	90	Sequence 272, Appl
10	450	100.0	90	Sequence 2, Appl
11	450	100.0	90	Sequence 35, Appl
12	450	100.0	90	Sequence 77, Appl
13	450	100.0	120	Sequence 137, Appl
14	450	100.0	182	Sequence 61, Appl
15	450	100.0	182	Sequence 61, Appl

RESULT 1 - US-09-825-301-77

Sequence 77, Application US/09825301
; Patent No. US20030009738A1
; GENERAL INFORMATION:
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Dillon, Davin C.
; APPLICANT: Molesh, David A.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Zehntner, Barbara
; APPLICANT: Persing, David H.
; TITLE OF INVENTION: METHODS, COMPOSITIONS AND KITS FOR THE DETECTION
; TITLE OF INVENTION: AND MONITORING OF BREAST CANCER
FILE REFERENCE: 210101.513
CURRENT APPLICATION NUMBER: US/09/825,301
CURRENT FILING DATE: 2001-04-02
NUMBER OF SEQ ID NOS: 77
SOFTWARE: FastSBQ for Windows Version 3.0
SEQ ID NO: 77
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapiens

US-09-825-301-77

Query Match Score: 100.0%; Pred. No.: 3.9e-47;
Best Local Similarity: 100.0%; Mismatches: 0; Indels: 0; Gaps: 0;
Matches: 90; Conservative: 0;

Qy 1 MKLSCVLLVLTLALCCYQANAECPALPSELLDPFFSPLFKLSLAKPDAPEEAKL 60
Db 1 MKLSCVLLVLTLALCCYQANAECPALPSELLDPFFSPLFKLSLAKPDAPEEAKL 60

Oy 61 GVKRCTDQNSLOKESLIAEVLKILKKCSV 90
Db 61 GVKRCTDQNSLOKESLIAEVLKILKKCSV 90

RESULT 2

US-09-110716-29
; Sequence 29, Application US/09110716A
; Patent No. US2003034739A1
; GENERAL INFORMATION:
; APPLICANT: Lehrer, Robert I.
; APPLICANT: Glasgow, Benjamin J.
; TITLE OF INVENTION: PEPTIDES CHARACTERISTIC OF CERTAIN TUMORS
; FILE REFERENCE: 22000-20556.00
; CURRENT APPLICATION NUMBER: US/09/110,716A
; CURRENT FILING DATE: 1998-07-07
; NUMBER OF SEQ ID NOS: 41
; SEQ ID NO 29
; LENGTH: 90
; TYPE: PRT
; ORGANISM: lipophilin B
; US-09-110-716-29

Query Match 100 %; Score 450; DB 9; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47; Matches 0;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MKLSVCLLVLTLALCCYQANAEFCPALVSLELDFFFISERPLPKSLAKFDAPPAAAKL 60
Db 1 MKLSVCLLVLTLALCCYQANAEFCPALVSLELDFFFISERPLPKSLAKFDAPPAAAKL 60
QY 61 GVRCTDQMSLQRSLIAEVLKILKCSV 90
Db 61 GVRCTDQMSLQRSLIAEVLKILKCSV 90

RESULT 3
US-09-934-054-1
; Sequence 1, Application US/09934054
; Patent No. US2002010738A1
; GENERAL INFORMATION:
; APPLICANT: Akerblom, Ingrid E.
; APPLICANT: Hillman, Jennifer L.
; Murry, Lynn E.
; Golli, Surya K.
; Hawkins, Phillip R.
; TITLE OF INVENTION: BREAST TUMOR SPECIFIC PROTEINS
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025-6936
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/934, 054
; FILING DATE: 21-Aug-2001
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/08/747, 547
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PR-0077 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 90 amino acids
; TYPE: amino acid

Query Match 100 %; Score 450; DB 9; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47; Matches 0;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MKLSVCLLVLTLALCCYQANAEFCPALVSLELDFFFISERPLPKSLAKFDAPPAAAKL 60
Db 1 MKLSVCLLVLTLALCCYQANAEFCPALVSLELDFFFISERPLPKSLAKFDAPPAAAKL 60
QY 61 GVRCTDQMSLQRSLIAEVLKILKCSV 90
Db 61 GVRCTDQMSLQRSLIAEVLKILKCSV 90

RESULT 4
US-09-985-911-4
; Sequence 4, Application US/09985911
; Patent No. US20020151012A1
; GENERAL INFORMATION:
; APPLICANT: NI ET AL.
; TITLE OF INVENTION: HUMAN ENDOMETRIAL SPECIFIC STEROID-BINDING FACTOR I, II AND III
; FILE REFERENCE: P2257D3
; CURRENT APPLICATION NUMBER: US/09/985, 911
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 09/583, 169
; PRIOR FILING DATE: 2000-05-30
; PRIOR APPLICATION NUMBER: 09/263, 810
; PRIOR FILING DATE: 1999-03-08
; PRIOR APPLICATION NUMBER: 08/821, 451
; PRIOR FILING DATE: 1997-03-21
; CURRENT APPLICATION NUMBER: 60/014, 724
; PRIOR FILING DATE: 1998-03-21
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 90
; TYPE: PRT
; ORGANISM: human
; US-09-985-911-4

Query Match 100 %; Score 450; DB 9; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47; Matches 0;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MKLSVCLLVLTLALCCYQANAEFCPALVSLELDFFFISERPLPKSLAKFDAPPAAAKL 60
Db 1 MKLSVCLLVLTLALCCYQANAEFCPALVSLELDFFFISERPLPKSLAKFDAPPAAAKL 60
QY 61 GVRCTDQMSLQRSLIAEVLKILKCSV 90
Db 61 GVRCTDQMSLQRSLIAEVLKILKCSV 90

RESULT 5
US-09-975-502A-6
; Sequence 6, Application US/09975502A
; Publication No. US20030044859A1
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Henslee, Jerry G.
; APPLICANT: Friedman, Paula N.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
; TITLE OF INVENTION: DETECTING DISEASES OF THE BREAST
; FILE REFERENCE: 5912.US.P7
; CURRENT APPLICATION NUMBER: US/09/975, 502A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/467, 602
; PRIOR FILING DATE: 1999-12-20

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; PRIOR APPLICATION NUMBER: US 09/215,818
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: US 08/912,276
; PRIOR FILING DATE: 1997-08-15
; PRIOR APPLICATION NUMBER: US 08/697,105
; PRIOR FILING DATE: 1996-08-19
; PRIOR APPLICATION NUMBER: US 08/912,149
; PRIOR APPLICATION NUMBER: US 08/697,106
; PRIOR FILING DATE: 1996-08-19
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 90
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-975-502A-6

Query Match 100.0%; Score 450; DB 10; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47; Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MKLUSVCLLVLTLACCYQANASFCPALSLELLDPFFISERPLFKLSLAKEPDAPPEAAKL 60
Db 61 GVKRCTDQMSLQRSLAELVILKIKCSV 90

RESULT 6
US-09-905-673-2
; Sequence 2, Application US/09905673
; Publication No. US0030059432A1
; GENERAL INFORMATION
; APPLICANT: Dillon, Davin C.
; APPLICANT: Fanger, Gary R.
; INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
; TITLE OF INVENTION: DIAGNOSIS AND THERAPY
; FILE REFERENCE: 210121.498C1
; CURRENT APPLICATION NUMBER: US/09/905,673
; CURRENT FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 90
; ORGANISM: Homo sapien
US-09-905-673-2

Query Match 100.0%; Score 450; DB 10; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.9e-47; Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MKLUSVCLLVLTLACCYQANASFCPALSLELLDPFFISERPLFKLSLAKEPDAPPEAAKL 60
Db 61 GVKRCTDQMSLQRSLAELVILKIKCSV 90

RESULT 8
US-10-097-340-181
; Sequence 181, Application US/10097340
; Publication No. US20030087250A1
; GENERAL INFORMATION
; APPLICANT: John MONHAN
; APPLICANT: Manjula GANNAVAPU
; APPLICANT: Sebastian HOBRSCH
; APPLICANT: Shubhangi KAMATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEIBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, JR.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Karen ZHAO
; APPLICANT: Xumei ZHAO
; INVENTION: Nucleic Acid Molecules and Proteins For The Identification, Prevention, and Therapy of Ovarian Cancer
; TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
; CURRENT APPLICATION NUMBER: US/10/097,340
; CURRENT FILING DATE: 2002-07-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 181
; LENGTH: 90
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-097-340-181

Query Match 100.0%; Score 450; DB 14; Length 90;

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Best Local Similarity 100.0%; Pred. No. 3.9e-47; Mismatches 0; Indels 0; Gaps 0; -

RESULT 9
US-10-177-293-272
; Sequence 272, Application US/10177293
; Publication No. US2003012412841
; GENERAL INFORMATION:
; APPLICANT: Lillie, James
; APPLICANT: Glatt, Karen
; APPLICANT: Zhao, Xumei
; APPLICANT: Garnavarpu, Manjula
; APPLICANT: Kamatkar, Shubhangi
; APPLICANT: Mertens, Maureen
; APPLICANT: Myer, Vic
; APPLICANT: Wang, Youzhen
; APPLICANT: Xu, Yongya
; APPLICANT: Hoersch, Sebastian
; APPLICANT: Monahan, John
; APPLICANT: Myers, Rachel E.
; APPLICANT: East Jr., Robert C.
; APPLICANT: Hortobagyi, Gabriell N.
; APPLICANT: Pusztai, Lajos
; APPLICANT: Meric, Funda
; APPLICANT: Sahin, Aysegul
TITLE OF INVENTION: COMPOSITIONS, KITS, AND METHODS FOR IDENTIFICATION, ASSESSMENT, TITLE OF INVENTION: PREVENTION, AND THERAPY OF BREAST CANCER
CURRENT APPLICATION NUMBER: US/10/177-293
FILE REFERENCE: MRL-038
CURRENT FILING DATE: 2002-05-21
PRIORITY NUMBER: US 60/299, 887
PRIORITY FILING DATE: 2001-06-21
PRIORITY APPLICATION NUMBER: US 60/301, 572
PRIORITY FILING DATE: 2001-06-27
PRIORITY APPLICATION NUMBER: US 60/306, 501
PRIORITY FILING DATE: 2001-07-18
PRIORITY APPLICATION NUMBER: US 60/325, 002
PRIORITY FILING DATE: 2001-09-25
PRIORITY APPLICATION NUMBER: US 60/362, 585
PRIORITY FILING DATE: 2002-03-05
PRIORITY APPLICATION NUMBER: US 60/xxxx,xxx
PRIORITY FILING DATE: 2002-05-14
NUMBER OF SEQ ID NOS: 506
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 272
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapiens
US-10-177-293-272

RESULT 11
US-10-096-319-35
; Sequence 35, Application US/10096319
; Publication No. US20030170246A1
; GENERAL INFORMATION:
; APPLICANT: Fanger, Gary R.
; APPLICANT: Duhon, Margarita
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Dillon, Devin C.
; APPLICANT: Carter, Darrick H.
; APPLICANT: Persing, David H.
TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
TIME OF INVENTION: DIAGNOSIS AND THERAPY
FILE REFERENCE: 210121_49802
CURRENT APPLICATION NUMBER: US/10/096, 319
CURRENT FILING DATE: 2002-03-12
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 35
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapiens
US-10-096-319-35

Query Match 100.0%; Score 450; DB 14; Length 90;
Best Local Similarity 100.0%; Prod. No. 3.9e-47; Mismatches 0; Indels 0; Gaps 0;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTLACCCYQANAEFPALVSFLDPPFSPFLKSLAKFDAPPVAAKL 60
Db 1 MKLSVCLLVLTLACCCYQANAEFPALVSFLDPPFSPFLKSLAKFDAPPVAAKL 60
QY 61 GVKRCTDMSLQKRSLSIAEVLKLIKCSV 90
Db 61 GVKRCTDMSLQKRSLSIAEVLKLIKCSV 90
QY 61 GVKRCTDMSLQKRSLSIAEVLKLIKCSV 90
Db 61 GVKRCTDMSLQKRSLSIAEVLKLIKCSV 90

RESULT 10
US-10-096-319-2
; Sequence 2, Application US/10096319
; Publication No. US20030170246A1
; GENERAL INFORMATION:
; APPLICANT: Fanger, Gary R.
; APPLICANT: Duhon, Margarita
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Dillon, Devin C.
; APPLICANT: Carter, Darrick H.
TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
TIME OF INVENTION: DIAGNOSIS AND THERAPY
FILE REFERENCE: 210121_49802
CURRENT APPLICATION NUMBER: US/10/096, 319
CURRENT FILING DATE: 2002-03-12
NUMBER OF SEQ ID NOS: 78
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 90
TYPE: PRT
ORGANISM: Homo sapien

US-10-096-319-2

Query Match 100.0%; Score 450; DB 14; Length 90;
Best Local Similarity 100.0%; Prod. No. 3.9e-47; Mismatches 0; Indels 0; Gaps 0;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTLACCCYQANAEFPALVSFLDPPFSPFLKSLAKFDAPPVAAKL 60
Db 1 MKLSVCLLVLTLACCCYQANAEFPALVSFLDPPFSPFLKSLAKFDAPPVAAKL 60
QY 61 GVKRCTDMSLQKRSLSIAEVLKLIKCSV 90
Db 61 GVKRCTDMSLQKRSLSIAEVLKLIKCSV 90
QY 61 GVKRCTDMSLQKRSLSIAEVLKLIKCSV 90
Db 61 GVKRCTDMSLQKRSLSIAEVLKLIKCSV 90

RESULT 12
 US-10-033-527-77
 ; Sequence 77, Application US/10033527
 Publication No. US20030170631A1
 GENERAL INFORMATION:
 ; APPLICANT: Houghton, Raymond L.
 ; APPLICANT: Dillon, David C.
 ; APPLICANT: Moleski, David A.
 ; APPLICANT: Xu, Jiangchun
 ; APPLICANT: Persing, David H.
 TITLE OF INVENTION: METHODS, COMPOSITIONS AND KITS FOR THE DETECTION
 FILE REFERENCE: 210121.513C1
 CURRENT APPLICATION NUMBER: US/10/033,527
 CURRENT FILING DATE: 2001-10-27
 NUMBER OF SEQ ID NOS: 77
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 77
 LENGTH: 90
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-033-527-77

Query Match 100.0%; Score 450; DB 14; Length 90;
 Best Local Similarity 100.0%; Pred. No. 3_9e-47;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTLAICCYQANAEFCPALVSLLDPPFISEPFLFKSLAKFDAPPEAVAKL 60
 Db 1 MKLSVCLLVLTLAICCYQANAEFCPALVSLLDPPFISEPFLFKSLAKFDAPPEAVAKL 60

QY 61 GVKRCTDQMSLQRSLIAEVLKILKKCSV 90
 Db 61 GVKRCTDQMSLQRSLIAEVLKILKKCSV 90

RESULT 13
 US-10-131-410-137
 ; Sequence 137, Application US/10131410
 ; Publication No. US20030225915A1
 GENERAL INFORMATION:
 ; APPLICANT: SPECHT, THOMAS
 ; APPLICANT: HINZMANN, BERND
 ; APPLICANT: SCHMITT, ARMIN
 ; APPLICANT: PIARSKY, CHRISTIAN
 ; APPLICANT: DAHL, EDGAR
 ; APPLICANT: ROSENTHAL, ANDRE
 TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM TISSUE OF BREAST
 FILE REFERENCE: SCH-1763
 CURRENT APPLICATION NUMBER: US/10/131,410
 CURRENT FILING DATE: 2002-04-25
 PRIOR APPLICATION NUMBER: 09/646,673
 PRIOR FILING DATE: 2000-09-20
 PRIOR APPLICATION NUMBER: PCT/D/DE99/00908
 NUMBER OF SEQ ID NOS: 202
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO: 137
 LENGTH: 120
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-131-410-137

Query Match 100.0%; Score 450; DB 15; Length 120;
 Best Local Similarity 100.0%; Pred. No. 5_4e-47;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTLAICCYQANAEFCPALVSLLDPPFISEPFLFKSLAKFDAPPEAVAKL 60
 Db 1 MKLSVCLLVLTLAICCYQANAEFCPALVSLLDPPFISEPFLFKSLAKFDAPPEAVAKL 60

QY 31 GVKRCTDQMSLQRSLIAEVLKILKKCSV 90
 Db 31 GVKRCTDQMSLQRSLIAEVLKILKKCSV 90

RESULT 14
 US-09-905-673-61
 ; Sequence 61, Application US/09905673
 Publication No. US20030059432A1
 GENERAL INFORMATION:
 ; APPLICANT: Dillon, David C.
 ; APPLICANT: Fanger, Gary R.
 TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
 FILE REFERENCE: 210121.498C1
 CURRENT APPLICATION NUMBER: US/09/905,673
 CURRENT FILING DATE: 2001-07-13
 NUMBER OF SEQ ID NOS: 67
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 61
 LENGTH: 182
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-905-673-61

Query Match 100.0%; Score 450; DB 10; Length 182;
 Best Local Similarity 100.0%; Pred. No. 8_9e-47;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTLAICCYQANAEFCPALVSLLDPPFISEPFLFKSLAKFDAPPEAVAKL 60
 Db 1 MKLSVCLLVLTLAICCYQANAEFCPALVSLLDPPFISEPFLFKSLAKFDAPPEAVAKL 60

QY 61 GVKRCTDQMSLQRSLIAEVLKILKKCSV 90
 Db 61 GVKRCTDQMSLQRSLIAEVLKILKKCSV 90

RESULT 15
 US-10-096-319-61
 ; Sequence 61, Application US/10096319
 Publication No. US20030172246A1
 GENERAL INFORMATION:
 ; APPLICANT: Fanger, Gary R.
 ; APPLICANT: Durham, Margarita
 ; APPLICANT: Houghton, Raymond L.
 ; APPLICANT: Dillon, David C.
 ; APPLICANT: Carter, Darrick
 ; APPLICANT: Persing, David H.
 TITLE OF INVENTION: LIPOPHILIN COMPLEXES FOR USE IN CANCER
 FILE REFERENCE: 210121.498C2
 CURRENT APPLICATION NUMBER: US/10/096,319
 CURRENT FILING DATE: 2002-03-12
 NUMBER OF SEQ ID NOS: 78
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 61
 LENGTH: 182
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-096-319-61

Query Match 100.0%; Score 450; DB 14; Length 182;
 Best Local Similarity 100.0%; Pred. No. 8_9e-47;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTLAICCYQANAEFCPALVSLLDPPFISEPFLFKSLAKFDAPPEAVAKL 60
 Db 1 MKLSVCLLVLTLAICCYQANAEFCPALVSLLDPPFISEPFLFKSLAKFDAPPEAVAKL 60

QY 61 GVKRCTDQMSLQRSLIAEVLKILKKCSV 90
 Db 61 GVKRCTDQMSLQRSLIAEVLKILKKCSV 90

Mon Mar 15 09:44:24 2004

us-09-806-301-2.rapb

Page 6

Db 61 GVKRCTDQMSLQKRSLLAEVLVKKCSV 90

**Search completed: March 11, 2004, 17:50:03
Job time : 35 secs**

OM protein - protein search, using sw model

Run on: March 11, 2004, 17:39:30 ; Search time 22 Seconds
 Sequence: (without alignments)
 211.197 Million cell updates/sec

Scoring table: BLOSUM62
 Gapop 10.0 , Gapext 0.5

Searched: US-09-806-301-2
 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 45 summaries

Database : Issued Patents AA:
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 2: /cgn2_6/podata/2/iaa/5B_COMB_pep:
 3: /cgn2_6/podata/2/iaa/6A_COMB_pep:
 4: /cgn2_6/podata/2/iaa/6B_COMB_pep:
 5: /cgn2_6/podata/2/iaa/PICTUS_COMB_pep:
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 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	450	100.0	90	US-09-821-451A-4
2	450	100.0	90	US-09-263-810-4
3	450	100.0	90	US-09-912-276-15
4	450	100.0	90	US-09-583-165-4
5	450	100.0	90	US-09-215-818-6
6	450	100.0	90	US-09-467-602A-6
7	342	76.0	69	US-09-912-276-23
8	277	61.6	90	US-09-821-451A-2
9	277	61.6	90	US-09-263-810-2
10	277	61.6	90	US-09-583-169-2
11	244	54.2	79	US-09-671-395A-200
12	219	48.7	45	US-09-912-276-22
13	202	44.9	90	US-09-821-451A-25
14	202	44.9	90	US-09-821-451A-26
15	202	44.9	90	US-09-263-810-25
16	202	44.9	90	US-09-263-810-26
17	202	44.9	90	US-09-583-169-25
18	202	44.9	90	US-09-583-169-26
19	110	24.4	91	US-09-455-896-8
20	110	24.4	91	US-09-93-149-8
21	110	24.4	91	US-09-082-343-8
22	110	24.4	91	US-09-082-253-8
23	110	24.4	91	US-09-987-505-1
24	110	24.4	91	US-09-162-622-8
25	110	24.4	91	US-09-509-015-8
26	110	24.4	91	PCT-US96-08295-8
27	22	24.4	91	US-08-912-276-21
101	3	24.4	91	US-08-912-276-21

ALIGNMENTS

RESULT	1
US-09-821-451A-4	Sequence 4, Appli
US-0821451A	Patent No. 6066724
GENERAL INFORMATION:	
APPLICANT: Jian Ni, Guo-Liang Yu and Reiner	
TITLE OF INVENTION: Human Endometrial Spec	
TITLE OF INVENTION: Binding Factor I, II and	
NUMBER OF SEQUENCES: 27	
CORRESPONDENCE ADDRESS:	
ADDRESSEE: CECCHI, BYRNE, BAIN, GILFILLI	
STREET: 6 BECKER FARM ROAD	
CITY: ROSELAND	
STATE: NEW JERSEY	
COUNTRY: USA	
ZIP: 07068	
COMPUTER READABLE FORM:	
MEDIUM TYPE: 3.5 INCH DISKETTE	
COMPUTER: IBM PS/2	
OPERATING SYSTEM: MS-DOS	
SOFTWARE: WORD PERFECT 5.1	
CURRENT APPLICATION DATA:	
APPLICATION NUMBER: US/09/821,451A	
FILING DATE: March 21, 1997	
CLASSIFICATION: 435	
PRIOR APPLICATION DATA:	
APPLICATION NUMBER: 60/014,724	
FILING DATE: March 21, 1996	
ATTORNEY/AGENT INFORMATION:	
NAME: WILLINS, J.G.	
REGISTRATION NUMBER: 33,073	
REFERENCE/DOCNET NUMBER: 325800-521 (FP2	
TELECOMMUNICATION INFORMATION:	
TELEPHONE: 201-994-1700	
TELEFAX: 201-994-1744	
INFORMATION FOR SEQ ID NO: 4:	
SEQUENCE CHARACTERISTICS:	
LENGTH: 90 AMINO ACIDS	
TYPE: AMINO ACID	
STRANDEDNESS:	
TOPOLOGY: LINEAR	
MOLECULE TYPE: PROTEIN	
US-09-821-451A-4	
Qy	1
Query Match	
Best Local Similarity 100.0%; Pred. No. 4.9	
Matches 90; Conservative 0; Mismatches	

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Sequence 98,	APPL
Sequence 99,	APPL
Sequence 100,	APPL

RESULT 2
 US-09-263-810-4
 Sequence 4, Application US/09263810
 Patent No. 614992

GENERAL INFORMATION:
 APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: 08/621,451
 FILING DATE: US/09/263, 810
 ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REGISTRATION NUMBER: 33,073
 REFERENCE DOCKET NUMBER: 32B800-521 (PF257)

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 90 AMINO ACIDS
 TYPE: AMINO ACID
 STRANDEDNESS:
 TOPOLOGY: LINEAR
 MOLECULE TYPE: PROTEIN
 US-09-263-810-4

Query Match 100.0%; Score 450; DB 3; Length 90;
 Best Local Similarity 100.0%; Pred. No. 4.9e-49;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTLAACCYQANAFCPALVSELLDFFISEPLFKSLAKFDAPPAAKL 60
 QY 1 MKLSVCLLVLTLAACCYQANAFCPALVSELLDFFISEPLFKSLAKFDAPPAAKL 60
 Db 1 MKLSVCLLVLTLAACCYQANAFCPALVSELLDFFISEPLFKSLAKFDAPPAAKL 60

RESULT 3
 US-08-912-276-15
 Sequence 15, Application US/08912276
 Patent No. 618352

GENERAL INFORMATION:
 APPLICANT: Billing-Medel, Patricia A.
 APPLICANT: Cohen, Maurice

APPLICANT: Cobitts, Tracey L.
 APPLICANT: Friedman, Paula N.
 APPLICANT: Gordon, Julian
 APPLICANT: Granados, Edward N.
 APPLICANT: Hodges, Steven C.
 APPLICANT: Klaas, Michael R.
 APPLICANT: Kratochvil, Jon D.
 APPLICANT: Roberts-Rapp, Lisa
 APPLICANT: Russell, John C.
 APPLICANT: Stroupe, Steven D.
 TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Abbott Laboratories
 STREET: 100 Abbott Park Road
 CITY: Abbott Park
 STATE: IL
 COUNTRY: USA
 ZIP: 60064-3500

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/912,276
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Becker, Cheryl L.
 REGISTRATION NUMBER: 35,441
 REFERENCEDOCKET NUMBER: 5972.US.P1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 847/935-1729
 TELEFAX: 847/938-2623
 INFORMATION FOR SEQ ID NO: 15:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 90 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: No. 618352E
 US-08-912-276-15

Query Match 100.0%; Score 450; DB 3; Length 90;
 Best Local Similarity 100.0%; Pred. No. 4.9e-49;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKLSVCLLVLTLAACCYQANAFCPALVSELLDFFISEPLFKSLAKFDAPPAAKL 60
 Db 1 MKSVCLLVLTLAACCYQANAFCPALVSELLDFFISEPLFKSLAKFDAPPAAKL 60

RESULT 4
 US-09-583-169-4
 Sequence 4, Application US/09583169
 Patent No. 6338148

GENERAL INFORMATION:
 APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,

ADDRESSE: CECCHI, STEWART & OLSTEIN
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/583,169
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 08/821,451
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REGISTRATION NUMBER: 33,073
 PRIORITY DOCKET NUMBER: 315800-521 (PP257)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEX/FAX: 201-994-1744
 INFORMATION FOR SEQ ID NO: 4:
 LENGTH: 90 AMINO ACIDS
 TYPE: AMINO ACID
 STRANDEDNESS:
 TOPOLOGY: LINEAR
 MOLECULE TYPE: PROTEIN
 ; US-09-583-169-4

RESULT 6
 Query Match 100.0%; Score 450; DB 4; Length 90;
 Best Local Similarity 100.0%; Pred. No. 4.9e-49; Indels 0; Gaps 0;
 Matches 90; Conservative 0; Mismatches 0;
 Qy 1 MKLUSVCLLVLTLACCYQANAEFCPALVSELLDFFFISEPFLKSLAKFDAPPEVAKL 60
 Db 1 MKLUSVCLLVLTLACCYQANAEFCPALVSELLDFFFISEPFLKSLAKFDAPPEVAKL 60

Query Match 100.0%; Score 450; DB 4; Length 90;
 Best Local Similarity 100.0%; Pred. No. 4.9e-49; Indels 0; Gaps 0;
 Matches 90; Conservative 0; Mismatches 0;
 Qy 1 MKLUSVCLLVLTLACCYQANAEFCPALVSELLDFFFISEPFLKSLAKFDAPPEVAKL 60
 Db 1 MKLUSVCLLVLTLACCYQANAEFCPALVSELLDFFFISEPFLKSLAKFDAPPEVAKL 60

RESULT 5
 Query Match 100.0%; Score 450; DB 4; Length 90;
 Best Local Similarity 100.0%; Pred. No. 4.9e-49; Indels 0; Gaps 0;
 Matches 90; Conservative 0; Mismatches 0;
 Qy 1 MKLUSVCLLVLTLACCYQANAEFCPALVSELLDFFFISEPFLKSLAKFDAPPEVAKL 60
 Db 1 MKLUSVCLLVLTLACCYQANAEFCPALVSELLDFFFISEPFLKSLAKFDAPPEVAKL 60

GENERAL INFORMATION:
 APPLICANT: Colpitts, Tracey L.
 ATTORNEY: Abbott Laboratories
 APPLICANT: Russell, John C.
 TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
 TITLE OF INVENTION: DETECTING DISEASES OF THE BREAST
 FILE REFERENCE: 5912.US.P5
 CURRENT APPLICATION NUMBER: US/09/467,602A
 CURRENT FILING DATE: 1995-12-20
 PRIOR APPLICATION NUMBER: US 08/215,818
 PRIOR FILING DATE: 1998-12-18
 PRIOR APPLICATION NUMBER: US 08/912,276
 PRIOR FILING DATE: 1997-08-17
 PRIOR APPLICATION NUMBER: US 08/697,105
 PRIOR FILING DATE: 1996-08-19
 PRIOR APPLICATION NUMBER: US 08/512,149
 PRIOR FILING DATE: 1997-08-15
 PRIOR APPLICATION NUMBER: US 08/977,106
 ; US-09-467-602A-6

Query Match 100.0%; Score 450; DB 4; Length 90;
 Best Local Similarity 100.0%; Pred. No. 4.9e-49; Indels 0; Gaps 0;
 Matches 90; Conservative 0; Mismatches 0;
 Qy 1 MKLUSVCLLVLTLACCYQANAEFCPALVSELLDFFFISEPFLKSLAKFDAPPEVAKL 60
 Db 1 MKLUSVCLLVLTLACCYQANAEFCPALVSELLDFFFISEPFLKSLAKFDAPPEVAKL 60

GENERAL INFORMATION:
 APPLICANT: Billing-Medel, Patricia A.
 APPLICANT: Cohen, Maurice L.
 APPLICANT: Colpitts, Tracey L.
 APPLICANT: Friedman, Paula N.
 APPLICANT: Gordon, Julian
 APPLICANT: Grandatos, Edward N.
 APPLICANT: Hodges, Steven C.
 APPLICANT: Klass, Michael R.
 APPLICANT: Kratochivil, Jon D.
 APPLICANT: Roberts-Rapp, Misa

RESULT 7
 Query Match 100.0%; Score 450; DB 4; Length 90;
 Best Local Similarity 100.0%; Pred. No. 4.9e-49; Indels 0; Gaps 0;
 Matches 90; Conservative 0; Mismatches 0;
 Qy 1 MKLUSVCLLVLTLACCYQANAEFCPALVSELLDFFFISEPFLKSLAKFDAPPEVAKL 60
 Db 1 MKLUSVCLLVLTLACCYQANAEFCPALVSELLDFFFISEPFLKSLAKFDAPPEVAKL 60

GENERAL INFORMATION:
 APPLICANT: Billig-Medel, Patricia A.
 APPLICANT: Cohen, Maurice L.
 APPLICANT: Colpitts, Tracey L.
 APPLICANT: Friedman, Paula N.
 APPLICANT: Gordon, Julian
 APPLICANT: Grandatos, Edward N.
 APPLICANT: Hodges, Steven C.
 APPLICANT: Klass, Michael R.
 APPLICANT: Kratochivil, Jon D.
 APPLICANT: Roberts-Rapp, Misa

; US-09-215-818-5

APPLICANT: Russell, John C.
 APPLICANT: Strouse, Steven D.
 TITLE OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Abbott Laboratories
 STREET: 100 Abbott Park Road
 CITY: Abbott Park
 STATE: IL
 COUNTRY: USA
 ZIP: 60064-3500
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/912,276
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 ATTORNEY/AGENT INFORMATION:
 NAME: BECKER, Cheryl L.
 REGISTRATION NUMBER: 35,441
 REFERENCE/DOCKET NUMBER: 5972.US.P1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 847/935-1729
 TELEFAX: 847/938-2623
 TELEX:
 INFORMATION FOR SEQ ID NO: 23:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 69 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: No. 6183952E
 US-08-912-276-23

RESULT 8
 US-08-821-451A-2
 ; Sequence 2, Application US/08821451A
 ; Patent No. 6006724
 ; GENERAL INFORMATION:
 ; APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
 ; TITLE OF INVENTION: Human Endometrial Specific Steroid-
 ; NUMBER OF SEQUENCES: 27
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
 ; ADDRESS: 6 BECKER FARM ROAD
 ; CITY: ROSELAND
 ; STATE: NEW JERSEY
 ; COUNTRY: USA
 ; ZIP: 07068
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5 INCH DISKETTE
 ; COMPUTER: IBM PS/2
 ; OPERATING SYSTEM: MS-DOS
 ; SOFTWARE: WORD PERFECT 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/263,810
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 08/821,451
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: MULLINS, J.G.
 ; REGISTRATION NUMBER: 33,073
 ; REFERENCE/DOCKET NUMBER: 325800-521 (PP257)
 ; TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 90 AMINO ACIDS
 TYPE: AMINO ACID
 STRANDEDNESS:
 TOPOLOGY: LINEAR
 MOLECULE TYPE: PROTEIN
 US-09-263-810-2

Query Match 61.6%; Score 277; DB 3; Length 90;
 Best Local Similarity 58.9%; Pred. No. 2.2e-27;
 Matches 53; Conservative 17; Mismatches 20; Indels 0; Gaps 0;

GENERAL INFORMATION:

APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 Binding Factor I, II and III
 NUMBER OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELLA, BYRNE, BAIN, GILILLIAN,
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-09/883,169
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/821,451
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: MILLINS, J.G.
 REGISTRATION NUMBER: 33,073
 REFERENCE/DOCKET NUMBER: 335800-521 (PF257)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-94-1700
 TELEX/FAX: 201-994-744
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 90 AMINO ACIDS
 TYPE: AMINO ACID
 STRANDEDNESS:
 TOPOLOGY: LINEAR
 MOLECULE TYPE: PROTEIN
 US-09-583-169-2

Query Match 61.6%; Score 277; DB 4; Length 90;
 Best Local Similarity 58.9%; Pred. No. 2.2e-27;
 Matches 53; Conservative 17; Mismatches 20; Indels 0; Gaps 0;

RESULT 10
 US-09-583-169-2
 Sequence 2, Application US/09583,169
 Patent No. 6338948
 GENERAL INFORMATION:

APPLICANT: SPRCHT, THOMAS
 APPLICANT: HINZMANN, BERND
 APPLICANT: SCHMITT, ARMIN
 APPLICANT: PILARSKY, CHRISTIAN
 APPLICANT: DAHL, EDGAR
 APPLICANT: ROSENTHAL, ANDRE
 TITLE OF INVENTION: HUMAN NUCLEIC ACID SEQUENCES FROM UTERUS TUMOR TISSUE
 FILE REFERENCE: ALBRE-12
 CURRENT APPLICATION NUMBER: US/09/673,395A
 CURRENT FILING DATE: 2000-10-17
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 200
 LENGTH: 79
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-673-395A-200

Query Match 54.2%; Score 244; DB 4; Length 79;
 Best Local Similarity 50.0%; Pred. No. 2.6e-33;
 Matches 47; Conservative 13; Mismatches 17; Indels 0; Gaps 0;

GENERAL INFORMATION:

APPLICANT: Billing-Medel, Patricia A.
 APPLICANT: Cohen, Maurice
 APPLICANT: Colpitts, Tracey L.
 APPLICANT: Friedman, Paula N.
 APPLICANT: Gordon, Julian
 APPLICANT: Grandas, Edward N.
 APPLICANT: Hodges, Steven C.
 APPLICANT: Klass, Michael R.
 APPLICANT: Kratochvil, Jon D.
 APPLICANT: Roberts-Rapp, Disa
 APPLICANT: Russell, John C.
 APPLICANT: Strome, Steven D.
 TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
 TITLE OF INVENTION: FOR DETECTING DISEASES OF THE BREAST
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Abbott Laboratories
 STREET: 100 Abbott Park Road
 CITY: Abbott Park
 STATE: IL
 COUNTRY: USA
 ZIP: 60064-3500
 COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/912,276
 FILING DATE:
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Becker, Cheryl L.
 REGISTRATION NUMBER: 35,441
 REFERENCE/DOCKET NUMBER: 5,972.US.P1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 847/933-5729
 TELEX: 847/938-2623
 INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 45 amino acids
 STRANDEDNESS: single
 TOPOLogy: linear
 MOLECULE TYPE: PROTEIN
 US-08-821-451A-22
 ;
 ; Query Match 48.7%; Score 219; DB 3; Length 45;
 ; Best Local Similarity 100.0%; Pred. No. 1.8e-20;
 ; Matches 45; Conservative 0; Mismatches 0;
 ; Indels 0; Gaps 0;
 QY 46 LAKDAPPENVAAKGVGRGTDOMSLOKRSLSLAEVLVKKLKKSV 90
 Db 1 LAKDAPPENVAAKGVGRGTDOMSLOKRSLSLAEVLVKKLKKSV 45
 RESULT 13
 US-08-821-451A-25
 ; Sequence 25, Application US/08821451A
 ; Patent No. 6066724
 ; GENERAL INFORMATION:
 APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gantz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 Binding Factor I, II and III
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
 ADDRESS: CECCHI, STEWART & OLSTEIN
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 ZIP: 07068
 COUNTRY: USA
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/821,451A
 FILING DATE: March 21, 1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/014,724
 FILING DATE: March 21, 1996
 ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REGISTRATION NUMBER: 33,073
 REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEX: 201-994-1744
 INFORMATION FOR SEQ ID NO: 26:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 90 AMINO ACIDS
 TYPE: AMINO ACID
 STRANDEDNESS: single
 TOPOLogy: linear
 MOLECULE TYPE: PROTEIN
 US-08-821-451A-26
 ;
 ; Query Match 44.9%; Score 202; DB 3; Length 90;
 ; Best Local Similarity 48.4%; Pred. No. 5.4e-18;
 ; Matches 44; Conservative 15; Mismatches 30;
 ; Indels 2; Gaps 2;
 QY 1 MKLSCVCLLVLVIALCCYQAMA-BFCPALVSLLDPFFISPLFKUSLAKEFDPAPPAVK 59
 Db 1 IELSCCLLIM-LAVCCYANASQCFELVHETISFLMSEEEALKELMVNAPAAVEAK 59
 RESULT 14
 US-08-821-451A-26
 ; Sequence 26, Application US/08821451A
 ; Patent No. 6066724
 ; GENERAL INFORMATION:
 APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gantz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 Binding Factor I, II and III
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
 ADDRESS: CECCHI, STEWART & OLSTEIN
 STREET: 6 BECKER FARM ROAD
 CITY: ROSELAND
 STATE: NEW JERSEY
 ZIP: 07068
 COUNTRY: USA
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/821,451A
 FILING DATE: March 21, 1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 60/014,724
 FILING DATE: March 21, 1996
 ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REGISTRATION NUMBER: 33,073
 REFERENCE/DOCKET NUMBER: 325800-521 (PF257)
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEX: 201-994-1744
 INFORMATION FOR SEQ ID NO: 26:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 90 AMINO ACIDS
 TYPE: AMINO ACID
 STRANDEDNESS: single
 TOPOLogy: linear
 MOLECULE TYPE: PROTEIN
 US-08-821-451A-26
 ;
 ; Query Match 44.9%; Score 202; DB 3; Length 90;
 ; Best Local Similarity 48.4%; Pred. No. 5.4e-18;
 ; Matches 44; Conservative 15; Mismatches 30;
 ; Indels 2; Gaps 2;
 QY 1 MKLSCVCLLVLVIALCCYQAMA-BFCPALVSLLDPFFISPLFKUSLAKEFDPAPPAVK 59
 Db 1 IELSCCLLIM-LAVCCYANASQCFELVHETISFLMSEEEALKELMVNAPAAVEAK 59

Db 1 IELSLCLLIM-LAVCCYEAANASOICELVAHETISPLMKSEEBIKKLEMVNAAPPAAVEAK 59
 Qy 60 LGVKRCTDQMSLQRSLTAEVILVKILKKCSV 90
 Db 60 LEVKRCVDQMSNGDRLVAYAETVYIFLECGV 90

RESULT 15
 US-09-263-810-25
 Sequence 25, Application US/09263810
 Patent No. 617992

GENERAL INFORMATION:

APPLICANT: Jian Ni, Guo-Liang Yu and Reiner Gentz
 TITLE OF INVENTION: Human Endometrial Specific Steroid-
 NUMBER OF SEQUENCES: 27
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: CARILLA, BYRNE, BAIN, GILFILLIAN,
 CECCHI, STEWART & OLSTEIN
 STREET: 6 BECKER FARM ROAD
 CITY: ROSSLAND
 STATE: NEW JERSEY
 COUNTRY: USA
 ZIP: 07068

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 INCH DISKETTE
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORD PERFECT 5.1

CURRENT APPLICATION DATA:
 CURRENT APPLICATION DATA: US/09/263,810
 APPLICATION NUMBER: 08/621,451
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: MULLINS, J.G.
 REFERENCE NUMBER: 33,073
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 201-994-1700
 TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 25:

SEQUENCE CHARACTERISTICS:
 LENGTH: 90 AMINO ACIDS
 TYPE: AMINO ACID
 STRANDEDNESS: SINGLE
 TOPOLOGY: LINEAR
 MOLECULE TYPE: PROTEIN

US-09-263-810-25

Query Match Score 202; DB 3; length 90;
 Best Local Similarity 44.9%; Pred. No. 5.4e-18;
 Matches 44; Conservative 15; Mismatches 30; Indels 2; Gaps 2;

Qy 1 MKLSVCLLILALCCYQAN-ERCPALVSEELLDPFFPISPEPLKSLAKFDIPPEAVAK 59
 Db 1 IELSLCLLIM-LAVCCYEAANASOICELVAHETISPLMKSEEBIKKLEMVNAAPPAAVEAK 59

Qy 60 LGVKRCTDQMSLQRSLTAEVILVKILKKCSV 90
 Db 60 LEVKRCVDQMSNGDRLVAYAETVYIFLECGV 90

Search completed: March 11, 2004, 17:45:35
 Job time : 23 secs